MIST and DRUGGIST

AUGUST 1, 1942

The

HEMIST AND DRUGGIST

or RETAILER - WHOLESALER - MANUFACTURER

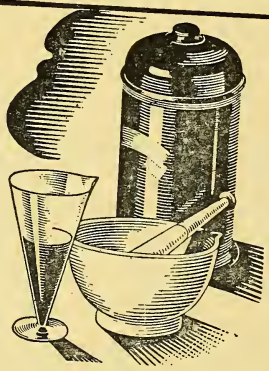
ished 1859 | 28 Essex Street, Strand, London, W.C.2 | Registered as a Newspaper

3260 XXXVIII | AUGUST 1, 1942 | Annual Subscription (with Diary) 25/-. Single Copies 9d.

Index to Advertisers pp. 5 & 6

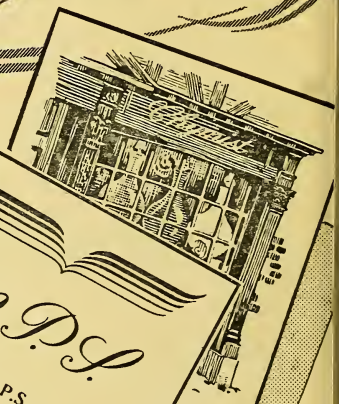
EUTHYMOL

and the Pharmacist



Chemists perform a vital National service. They comprise a highly important part of the machinery for maintaining the nation's health: the medical profession unhesitatingly relies upon them to dispense prescriptions accurately. They are authorities on toilet preparations as well as drugs, and their opinion is always worth attention. For over forty years they have been recommending

Euthymol
TOOTH PASTE



M.P.S.

The letters M.P.S. stand for "Member of the Pharma-
ceutical Society" and signify
at the holder is a registered.
alified chemist. The
fied chemist occupie
portant place in
of maintaining
health. Your
him to d
tions acc
gnized
ugs a
, as

your
regis-
onfident

H PASTE

Advertisements such as these are now appearing in well-known periodicals. In view of the Memorandum to the Beveridge Committee, they should be helpful in stimulating a wider appreciation of the services that pharmacists are rendering to the community

Parke, Davis & Co
50 Beak St. W.1.

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line

ONE SHILLING AND SIXPENCE PROFIT ON EVERY SALE

'ELASTO Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your counter. An 'Elasto' showcard displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for: Varicose Veins, Bad Leg, Piles, Hardened Arteries, Heart Troubles, Rheumatism, Bad Circulation, etc. A tablet Remedy, easy to handle and reliable.

★ ***NEW REDUCED PRICES:*** **Retail Price 5/- per pkt.** * Including purchase tax. **Wholesale 42/- per doz.** * Including purchase tax.

P A.T.A.

SHOW CARDS STILL AVAILABLE FREE ON REQUEST

The NEW ERA TREATMENT CO. LTD.

DEPT. R

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

A

A new kind of antiseptic ointment. White, won't stain linen, agreeable to use, washes off easily. Contains non-irritating antiseptic in up-to-date emulsified base. Comparative tests by U.S.A. 'Agar Plate' method shows germicidal qualities fa superior to Carbolic Ointment B.P., Bor Ointment B.P., and others, tested on I Coli, B. Megatherium, Streptococcu Faecalis and Staphylococcus Albus.

National Advertising in—

DAILY MAIL
DAILY HERALD
NEWS OF THE WORLD
PEOPLE
PICTURE POST
JOHN BULL
ILLUSTRATED
WOMAN

and other leading national and provincial papers throughout the country, has begun.

ORDER FORM

To Dae Health Laboratories Ltd., (C.D.I.)
25/27 Berners Street, London, W.I.

Kindly send.....doz. Valderma Antiseptic Balm at 15/- per doz. less 5% for display (on first order only) also 5% for cash with order.

NAME .....

ADDRESS .....

.....

.....

Minimum order 3 doz. All other orders must be *multiples* of 3 doz.

37% Profit

3 doz. at 15/- doz.	£2. 5. 0
less 5% for display	2. 3
	£2. 2. 9
less 5% for cash with order	2. 1
	£2. 0. 8
plus p. tax 16 2/3%	7. 6
Cheque required	£2. 8. 2

Collosol Argentum Crookes'

As a general antiseptic *Collosol* Argentum is rather more than equal to one per cent. phenol and is at the same time completely non-toxic and non-irritant.

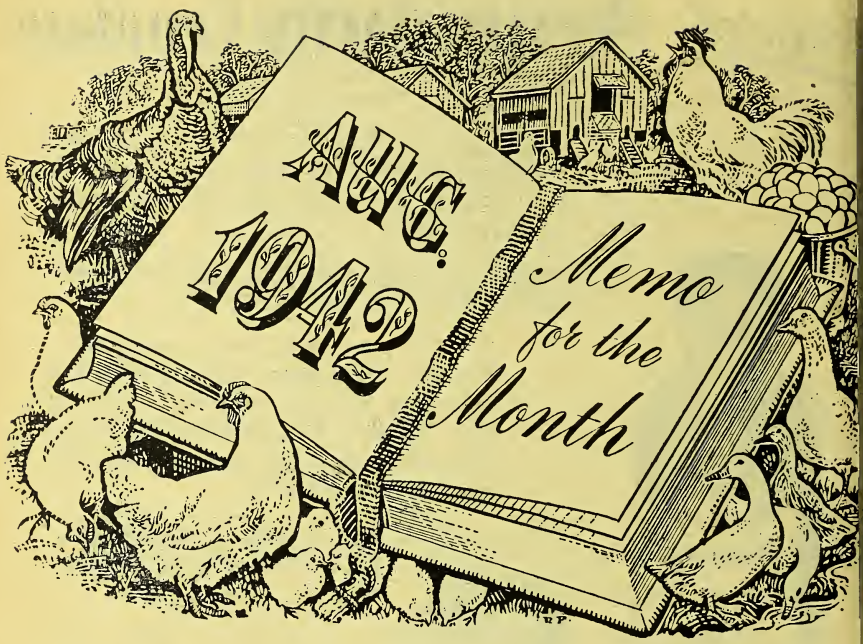
Indicated in all types of inflammatory conditions of the ear, nose and throat.

In cases of ophthalmia neonatorum *Collosol* Argentum Ophthalmic has become a standard treatment and has been indicated by some authorities as the best local remedy for cases admitted with gonorrhœal ophthalmia.

Full details of packings and prices available on application.

THE CROOKES LABORATORIES (*British Colloids Ltd.*) PARK ROYAL, LONDON, N.W.10

Telephone: Willesden 6313 (5 lines) Telegrams: Collosols, Harles, London



MAXIMUM EGG PRODUCTION IS A WARTIME NECESSITY

The need for increased egg yields has created an urgent demand for StockSense Concentrate. This poultry conditioner aids the egg-formative process in a wholly natural way. The formula includes elements in which wartime poultry rations are deficient, but which are essential to health and maximum egg production. From September until early Summer, when birds come into full lay again, StockSense advertising in the Poultry pre will be reinforced by advertis ments in a large number Country weekly papers. Order u StockSense in readiness for th increased demand! In cellophan packets, 7½d. and 1/6 each. I drums, 4/- each.

STOCKSENSE

CONCENTRATE POULTRY CONDITIONE

BOB MARTIN LTD · SOUTHPORT

ESTABLISHED 1878
FOR
LABELS
CARTONS
ENVELOPES
AND EVERY DESCRIPTION
of
MEDICAL PRINTING
Write to
ALF. HARRISON & SONS, LTD.
THE CHEMISTS' PRINTERS
BURLEY ROAD
LEEDS, 4

INDEX TO ADVERTISERS

Acton Pill & Tablet Co., Ltd. viii
Aimer, G. C., & Co., Ltd. 15
Ambrosia, Ltd. vii

Beatson, Clark & Co., Ltd. 10
Bell, John, Hills & Lucas, Ltd. ..... Leader Page
Berg, V., & Sons iii
Berton, Arthur, Ltd. 12
Bickiepegs, Ltd. vii
Boake, A., Roberts & Co., Ltd. ..... Leader Page
Brillofix Pomade Co. ..... Col. Supp.
Buckinghamshire Paper & Box Co., Ltd. 10
Burgoyne Burbidges & Co., Ltd. i
Burrough, James, Ltd. ..... Leader Page
Burroughs Wellcome & Co. 23
Bush, W. J., & Co., Ltd. 19

Calthorpe, M., & Co. 14
Carillon Press, Ltd. 13
Cater, Stoffell & Fortt, Ltd. viii
Chelsea Polytechnic 24
Chilva Laboratories, Ltd. xvi
Christy, T., & Co., Ltd. ..... 22, x
Cox, Arthur H., & Co., Ltd. ..... Cover iv
Creighton (Agencies) Co. xvi
Crest Laboratories xvi
Crookes Laboratories (British Colloids, Ltd.) 3
Cussons, Sons & Co., Ltd. ..... Cover iii

Dae Health Laboratories, Ltd. 2
Dales Aspirin Co. 15
Daniel, Richard, & Son, Ltd. 15
Davenport, J. T., Ltd. x
Dentifrice Manufacturers of Great Britain 9
Dominion & Continental Agencies iii
Dominion Steel Corporation, Ltd. viii
Duncan, Flockhart & Co. iv

(*continued overleaf*)

For the best
in
MODERN
PHARMACY

CURIOSITIES OF ANCIENT PHARMACY
No. 13
"Chemist and Dry-herbist!"
The word "drug" first appeared in manuscripts between the 8th and 10th centuries A.D. It was of Teutonic origin and signified "dry herb"!

THORNTON & ROSS LIMITED
Manufacturing Chemists
LINTHWAITE · HUDDERSFIELD

T.R. 104

INDEX—(contd.)

Economic Utilities, Ltd. ... ii
Elvesol Laboratories ... xii
English Grains Co., Ltd. ... vi
Everett, S. & R. J., & Co., Ltd. ... 13

Fennings, A. ... 16
Freudentheil, Smith & Co. ... iv
Furmoto Chemical Co. (Factors), Ltd. ... 10

Gardiner & Co. (The Scotch House), Ltd. ... 8
Geigy Pharmaceutical Co., Ltd. ... ii

Harman Dietetic Laboratories, Ltd. ... xvi
Harrison, A., & Sons, Ltd. ... 5
Henshaw, J. L. ... xvi
Hough, Hoseason & Co., Ltd. ... xii
Howard Lloyd & Co., Ltd. ... iv

International Laboratories, Ltd. ... xiii

Jason & Stuart Products, Ltd. ... 13
Jeffreys, Miller & Co., Ltd. ... xii
Jones, W. H., & Co. (London), Ltd. ... xii

Keenes Laboratories, Ltd. ... x
Klenzo Laboratories ... x
Koray, Ltd. ... xi

Lennard Lee-Narvill & Co. ... ix
Levy, M. de J., & Sons, Ltd. ... xv
Lewis East, Ltd. ... xvi
Liebig Malt Wine Co. ... xiv
Light, L., & Co., Ltd. ... ii
Lofthouse & Saltmer, Ltd. ... ii

Marlene Products ... xvi
Martin, Bob, Ltd. ... 4
Matthews Laboratories, Ltd. ... Leader Page
Mehta Bros. ... iv
Momand, Don S., Ltd. ... 8
Multishave, Ltd. ... 11

Napp, H. R., Ltd. ... Leader Pag
National Association of Opticians ... 1
New Era Treatment Co., Ltd. ...
Newball & Mason, Ltd. ... x

Parke, Davis & Co. ... Cover
Pears, A. & F., Ltd. ...
Peat Products (Sphagnol), Ltd. ...
Peckham Chemical Co., Ltd. ... x
Pharman (Birtley), Ltd. ...
Phosferine (Ashton & Parsons), Ltd. ...
Porteus, Geo., & Sons (Leeds), Ltd. ...
Potter & Clarke, Ltd. ...
Prunol Proprietary, Ltd. ... x
Pure Products, Ltd. ... Leader Pa

Ransom, Wm., & Son, Ltd. ...
Rendell, W. J., Ltd. ...
Riddell Products, Ltd. ...

Samona, Ltd. ...
Savory & Moore, Ltd. ... 24, Leader Pa
Schweppes, Ltd. ... x
Scott & Bowne, Ltd. ... Leader Pa
Scott & Turner, Ltd. ... Leader Pa
Scurr, C. A. ... Col. Sup
Smith, D., & Sons, Ltd. ...
Smith, T. J., & Nephew, Ltd. ...
Splendor, Ltd. ...
Surgical Hosiery Co., Ltd. ...
Suter, A. F., & Co., Ltd. ...

Thornton & Ross, Ltd. ...

United Chemists Association, Ltd. ...
United Drug Co., Ltd. ... x

Watford Chemical Co., Ltd. ... x
Whiffen & Sons, Ltd. ...
Wilcox, Jozeau & Co., Ltd. ... Leader Pa
Wood Bros. Glass Co., Ltd. ...
Wright, Layman & Umney, Ltd. ... Front Co

PEAT PRODUCTS (SPHAGNOL) LTD.

3 CARMALT GARDENS, PUTNEY, S.W.15

MAKERS OF

SPHAGNOL MEDICAL SOAP & OINTMENT

FOR OVER 35 YEARS

AN EFFECTIVE TREATMENT FOR ALL SKIN COMPLAINTS

AS SUPPLIED TO THE BRITISH RED CROSS SOCIETY
(Prisoners of War Branch)

15%	MEDICAL SOAP	4/4 per box of 3 tablets
15%	,, ,,	1/5½ per tablet
5%	TOILET SOAP	2/6 per box of 3 tablets
5%	,, ,,	10d. per tablet
10%	OINTMENT (1-oz. size)	1/2 per tin
10%	,, (1½-oz. size)	1/8 per tin

ORDER through your usual Wholesaler on Bonus terms. See P.A.T.A. List.

The Public are Searching for Ucal Products . . .

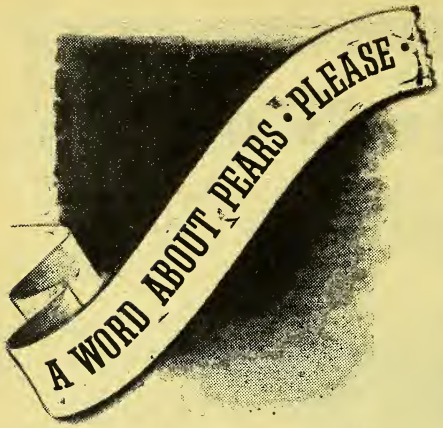
We are working hard—despite the many difficulties that beset us—to get together some extra stock.

Send in your orders early and we will do our utmost to meet them—but please do not overload them with "quota" goods.

We, as well as other firms, are very short of skilled workmen.

Ucal

UNITED CHEMISTS' ASSOCIATION LTD.
CHELTENHAM



After one hundred and fifty-three years, the full production of Pears Transparent Soaps is interrupted; shortage of special materials means that supplies are drastically reduced. Fortunately, this does not mean that you will be unable to offer your customers a soap made by Pears — you can offer them Pears Embassy. Although Embassy is not a transparent soap Pears can recommend it with full confidence. It is a delightfully perfumed, freely lathering opaque soap, price 6½d per tablet (including tax).

A. & F. PEARS LTD., ISLEWORTH, MIDDLESEX

PT 221/171

Dentesive

THE MODERN SCIENTIFIC DENTURE FIXATIVE

NATIONALLY ADVERTISED
SALES GUARANTEED

SOLE DISTRIBUTORS
DON S. MOMAND LTD.
10-15 CHITTY ST. LONDON, W.1

GARDINERS for OVERALLS

HIGH GRADE LONG OVERALL COATS

Super Quality, specially shrunk
White, 15/9, 17/9, 21/-
Khaki, 15/3, 16/-, 18/-
Coats: 3 coupons

SHOP JACKETS

Super White Drill
9/11, 11/9, 13/6
Jackets: 2 coupons

Send P.C. to Department G. for illustrated list showing styles. Prices subject to alteration. State style required and we will gladly quote you. Cash with order, or usual trade references. Satisfaction guaranteed.

GARDINER & CO. (THE SCOTCH HOUSE) LTD.
1, 3 & 5 COMMERCIAL ROAD, LONDON, E.1

'Phone: BIS 6751 (3 lines)
Opposite the New Aldgate East Station

YOU MUST GET ME BACK FOR MUNITIONS!

TELL YOUR CUSTOMERS TO BRING ALL EMPTY TUBES, WHATEVER THEY CONTAINED—TOOTHPASTE, SHAVING CREAM, OINTMENT, RUBBER SOLUTION, ETC.—TO YOU, NOT TO PUT THEM WITH ORDINARY METAL SALVAGE, OR THE VITAL TIN AND LEAD THEY CONTAIN WILL BE LOST IN SMELTING

Take these steps now!

1. Each time you sell any tube product ask for the old tube (and any others the customer may have) to be returned.
2. Place any handy container (e.g., glass jar, cardboard box, etc.) on your counter, in which customers can place their empty tubes.
3. Fix the show card (which has been sent to you) to the container, and display the show bill in your window.

★ *Collection by Container Recovery Service from Chemists themselves will be made at intervals of 3 to 4 weeks. If, however, you have a fair stock of empty tubes already, or you think you have been overlooked, please write to the address given and special arrangements will be made.*

ALL PROCEEDS WILL GO TO THE RED CROSS & ST. JOHN FUND

★

Issued by
THE DENTIFRICE MANUFACTURERS OF GREAT BRITAIN
(Dentifrice Manufacturers Section, London Chamber of Commerce, 69 Cannon Street, London, E.C.4)

MRT 3-285

TRADE MARK REGISTERED

We can still supply..

We can still supply bottles for medicines and for the packing of pharmaceutical products, and other essential bottles, which formed so great a proportion of our business before the war.

Many of our activities are concerned with furnishing the needs of government contracting departments, and we are also endeavouring to fulfil export orders to help to import the essential commodities from abroad, so aiding the war effort.

If, therefore, we are compelled to accept less business than is offered to us, customers will realise that this is in accordance with the policy directed to the best possible furtherance of the national effort.

Beatson, Clark & Co. Ltd.

MANUFACTURERS OF

Chemical & Medical Glass

ROTHERHAM YORKSHIRE

ESTABLISHED 1751

BC.38

On every polished floor

Guaranteed 100% Non-slip

Furmoto shines floors like glass—produces a hard, treadproof and waterproof surface on any kind of flooring and linoleum—yet on it you can't slip an inch. Because of this it is the only polish that should ever be used in Sh Offices, Factories, Warehouses, Stores, etc. A accident claims as result of anyone falling on slip floors. You are absolutely safe with Furmoto, for every tin is given

£100 FREE INSURANCE AGAINST SLIPPING

Sold in 2/- tins and larger sizes at Chemists, Grocers, Ironmongers, Stores, etc.

Enquiries for Bulk Supplies should be sent to address

Furmoto non-slip FLOOR CRE

In case of difficulty, write for name of nearest stockist to—

FURMOTO CHEMICAL CO. (FACTORS) L

1-3 Brixton Rd., S.W.9

USED

TEA CHESTS, CARTO S

WOOD BOXES

GUM TAPE

LARGE STOCKS CARRIED

The Buckinghamshire Paper & Box Co. L

Devonshire Works, Chiswick, London, W

Phone: Chiswick 2954/5/6

Elastoplast

TRADE MARK BRAN

FIRST-AID DRESSING

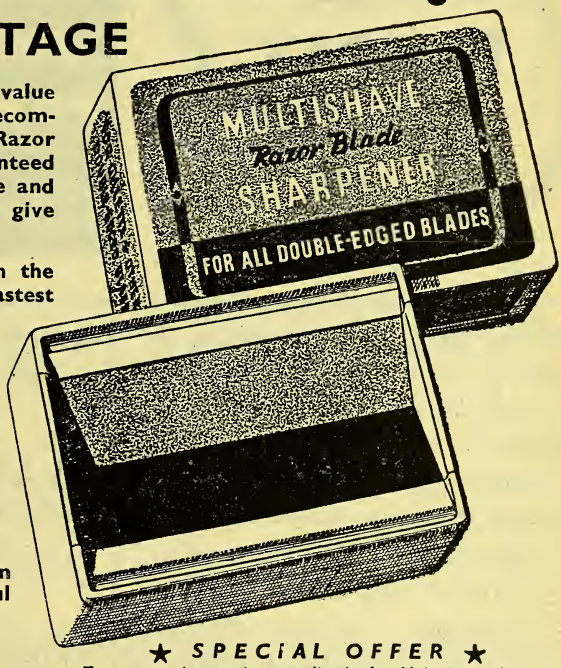
The most advertised First-Aid line

T. J. SMITH & NEPHEW, LTD. NEPTUNE ST., HUL

WANT RAZOR BLADES?

GET MULTISHAVES!

The Solution to the RAZOR BLADE SHORTAGE



Progressive Chemists who value their customers' confidence recommend the Multishave Safety Razor Blade Sharpener — the guaranteed sharpener that makes Gillette and other double-edged blades give many extra smooth shaves.

The sharpening agent used in the Multishave is the finest, fastest cutting abrasive known.

The bluntest blade, even if it has been stropped or rubbed on a tumbler until it is beyond hope, can be given a new edge in ten seconds with the Multishave.

There are no glass parts to the Multishave—no fear of breakage or accidents. It is ideal for travellers, particularly men in the Forces, and is a thoughtful gift.

Your customers must shave. If you are short of blades, sell Multishaves. You make fourpence-halfpenny profit on each Multishave outfit. Retail price 1/6, including purchase tax. Trade price 8/- per dozen, plus 5/4 purchase tax. Packed three dozen to a carton, complete with smart showcard.

★ SPECIAL OFFER ★

To create a large sale immediately for Multishaves in your district, to your advantage, in consideration of your order for 12 cartons each 3 doz. Multishave Safety Razor Blade Sharpeners

YOU GET FREE OF CHARGE

13 weekly advertisements in your local evening or weekly newspaper, mentioning your name only as Multishave stockists. This advertising sells many Multishaves for you.

ORDER MULTISHAVE OUTFITS FROM YOUR WHOLESALER

or send direct to

MULTISHAVE Limited, Fortess Grove, LONDON, N.W.5

Telephone: GULLIVER 1467

more women at work-

increased **TAMPAX** *demand*

Regd. Trade Mark

War has brought a more strenuous life for many thousands of women. Naturally that is bringing an ever widening interest in Tampax; sanitary protection worn internally becomes a necessity as well as a convenience. This means something more than a temporary sales increase. Every new Tampax sale starts a regular demand that will increase your turnover not only today but *after* the war as well. The supply situation is well in hand and orders are being dealt with in strict rotation.

TAMPAX TRADE TERMS
(P.A.T.A. Prices)

Packets of 3. Wholesale 5/3 doz. Retail 7d. packet
" " 10. " 15/9 " " 1/9 "

Sole Distributors SPLENDOR LTD. 5 Beastmarket Hill, Nottingham, & 7c Lower Belgrave Street, London, S.W.1

ARTHUR BERTON LTD.
BRITANNIA HOUSE
256/260 OLD STREET, LONDON, E.C.1

SURGICAL DRESSINGS
SANITARY TOWELS
SPONGE BAGS
POWDER PUFFS
ETC.

ESTABLISHED 1850

"SURCO"

RELIABLE

ELASTIC HOSIERY
SEAMED AND SEAMLESS

For special garments to measure we give the best possible service

SURGICAL BELTS
TRUSSES AND SUNDRIES

50 years' service of everything Surgical

SURGICAL HOSIERY CO. LTD.
Russell Street - NOTTINGHAM

Telephone No.75903 Telegrams: Surgical Nottm.

Already in popular demand . . . .

"MARIE" de luxe SANITARY TOWELS

(BLUE WRAPPERS)

The improved MARIE de luxe LOOP-ENDS SANITARY TOWELS retailing at **1/9**, apart from being featured in the popular Press are now stocked by most leading wholesalers.

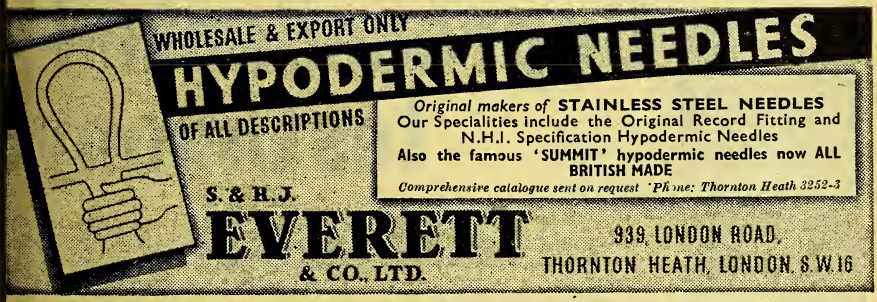
TERMS **15/4** per DOZEN carr. paid, c.w.o.
Packed in units of 6 dozen and 1 gross lots.
SPECIAL TERMS TO QUANTITY BUYERS.

Be sure and secure stocks whilst still available in order to meet the demand

Sample Packet of the new MARIE de luxe Blue Wrapper SANITARY TOWELS retailing at **1/9** gladly dispatched post free on receipt of addressed labels and p.o. value **1/9**.

Owing to improved methods of production immediate attention to the prompt dispatch of all orders in rotation is guaranteed.

JASON & STUART PRODUCTS LTD.
PLANE STREET MILLS, OLDHAM, LANCS.



LABELS

Specialists in the Design & Printing of Medical & Toilet Labels — Send for Free Sample Ranges

CARILLON PRESS Ltd BOURNEMOUTH

Artists in the Production of Fine Labels

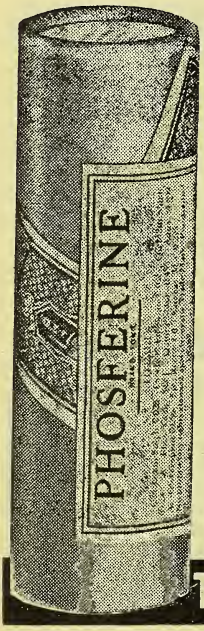
	Approx.
Ferri. Sodii. Citro-phosphas	0·87
Ferri. et Quinin. Cit.	0·11
Inf. Gent. Co. Conc.	0·08
Dec. Sarsae. Co. Conc.	0·45
Ext. Glyc. Liq.	0·16
Tinct. Aurant	0·08
Sacch. Ust.	0·89
Syr. Simplex	4·02
Sacch. Lact.	4·02
Acid. Tart.	0·16
Acid. Cit.	0·13
Sp. Chlorof.	0·84
Ol. Limonis	Q.S.
Ol. Caryoph	Q.S.
Saccharine	Q.S.
Aq. Chlorof.	Ad. 100

IMPORTANT ANNOUNCEMENT

IN compliance with the Pharmacy and Medicines Act, 1941, no bottle of Vironita should be offered for sale which does not bear the formula label. If you have any stock without the formula, please withdraw from sale immediately and advise us or your wholesaler of the stock held, stating where supplies were obtained.

VIRONITA

M. CALTHORPE & CO., 29 EAST PARADE, LEEDS



Unprecedented testimony

The generally increased desire to maintain a high standard of healt has brought to every chemist a greatly increased demand for th "greatest of all tonics." The value of Phosferine as a first-class toni is taken for granted by more people in every class of society tha ever before—and folk have not been slow to express themselves o the point. Many of their letters must have been posted in you locality. May we remind you of our constant wish to serve you i every possible way in these difficult times?

PHOSFERINE

LIQU'D & TABLETS 1/4 (No. 1 Size) and 3/3 (No. 2 Size)

Phosferine (Ashton & Parsons) Ltd.

Phosferine Laboratories, King George's Avenue, Watford, Herts.

THE GREATEST OF ALL TONICS

SPECIALISTS IN THE MANUFACTURE OF

TABLETS & PILLS

Richard Daniel & Son Ltd. Derby

SINCE 1860

Also... AMPOULES · EMULSIONS · EXTRACTS
INFUSIONS · OINTMENTS · SUPPOSITORIES.
PRORIETARY AND OWN FORMULA PILLS AND TABLETS

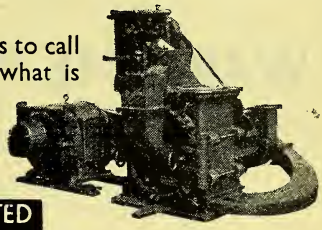
We invite enquiries from Wholesalers and Exporters for all classes of Pharmaceutical Preparations in bulk or packed

RICHARD DANIEL & SON, LTD. DERBY.

TELEPHONE: DERBY 4266/7/8 TELEGRAMS: DANIA DERBY

GRINDERS

The best way to ensure satisfaction in grinding is to call in Porteus. Not only do they know exactly what is required, but they can and do invariably advise on the very best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now?



GEORGE PORTEUS & SONS (LEEDS) LIMITED
LEEDS BRIDGE WORKS *Provender Milling Specialists* LEEDS 10

1554

GLASSBLOWING OF EVERY DESCRIPTION
MEDICAL, SURGICAL & LABORATORY
BENCH BLOWN GLASSWARE
G. C. AIMER & CO. 56–8 ROCHESTER PLACE CAMDEN RD., N.1
GUL. 3618

THE NATIONAL ASSOCIATION OF OPTICIANS
The next Examination will be held at Liverpool in December, 1942.
REVISED SYLLABUS, ETC.
SECRETARY N.A.O., 130 Princes Road, Liverpool, 8

Makers of COMPRESSED TABLETS
for the Manufacturing and Wholesale Trade only
The DALES ASPIRIN COMPANY (PROPRIETOR H. A. TOLKIEN)
SILSDEN, Nr. KEIGHLEY, Yorks.
Output of Saccharin and Aspirin Tablets sold for some months ahead

FENNINGS

FAMOUS FOR OVER 80 YEARS

GOOD DEMAND GOOD SUPPLY

FENNINGS' LUNG HEALERS (being re-named "Little Healers")
For Coughs, Colds, Bronchitis, etc. 1/3 and 3/- glass tubes. Also 5/- Carton of 10 Packets, retailing at 6d. each.

FENNINGS' OINTMENT. Demand Steadily Increasing
For Cuts, Burns, Bruises, Chilblains, and all skin irritations. Price 1/3 per tin.

FENNINGS' WHOOPING COUGH POWDERS
FENNINGS' WORM POWDERS
FENNINGS' STOMACH STRENGTHENERS
} PRICES 1/3 and 3/-

FENNINGS' FEVER CURER
FENNINGS' RHEUMATIC AND ERYSIPELAS DROPS
} 1/3

Please address orders and inquiries to your Wholesaler

N.B.—**FENNINGS' COOLING POWDERS (Children's and Adults')** at present in short supply, owing to war conditions, but every endeavour is being made to execute orders.

PROPRIETORS: **THE TRUSTEES OF ALFRED FENNINGS (DECEASED)**
COWES, Isle of Wight

WAR-TIME PACKING PROBLEMS

Restrictions upon raw material in the manufacture of **CARTONS** and **CARDBOARD BOXES,** in the National interest have made our mutual task difficult, but we offer you our many years of experience in the overcoming of these difficulties.

War-time conditions have not stopped us thinking and designing, and we have some ideas which would save material without economising on the utility or appearance. These together with our modern plant are at your service. You are invited therefore to write to the Managing Director

D. SMITH & SONS, LTD.
97 Lea Bridge Road, London, E.10

EXTRACTS

TINCTURES

RESINOIDS

OLEO RESINS

MEDICINAL RESINS

ESTABLISHED 1·8·4·6

BELLADONNA
AND
HYOSCYAMUS
PREPARATIONS

from
NEW SEASON'S CROPS
grown on our own farm

WILLIAM RANSOM
& SON, LIMITED
MANUFACTURING CHEMISTS
HITCHIN, HERTS.

B

Rendells

Silatex
A RENDELLS PRODUCT

SANTRON
A RENDELLS PRODUCT
SANTRON
SANTRON
SANTRON

MENSINOLE
MENSINOLE
MENSINOLE

RENDELLS PRODUCTS *for* FEMININE HYGIENE

SILATEX **MENSINOLE**

SANTRON ***RENDELLS**

**famous for over 50 years . . .*

W. J. RENDELL LTD HARDWICK HOUSE, 161-5, ROSEBERY AVENUE, LONDON, E.C.1.

RETURN TO BUSH

ALL RETURNABLES

AND IN TURN THEY'LL RETURN TO YOU AGAIN!

W. J. BUSH & CO. LTD., ASH GROVE, LONDON, E.8

FIXED RETAIL PRICE
1/10 (Including Purchase Tax)

EACH PACKED IN A SEPARATE CARTON WITH INSTRUCTIONS FOR USE.

ATTRACTIVE WHOLESALE TERMS ON APPLICATION TO THE MANUFACTURERS.

BY MAKING ONE SAFETY-RAZOR BLADE LAST FOR HUNDREDS OF SHAVES. THESE HONES ARE MADE IN GLASS OF UNIQUE PROPERTIES WITH A SPECIALLY PREPARED SURFACE AND ARE PATENTED THROUGHOUT THE WORLD.

WOOD BROS. GLASS CO., LTD.
(DEPT. H.I)
ESTABLISHED 1828

BARNSLEY **ENGLAND**
TELEPHONE 3637-8-9
TELEGRAMS: "WOODS, BARNSLEY"

Entering upon the early 'nineeen twenties' saw business recovering from the effects of the first Great War, and it became necessary to extend our premises still further and co-ordinate the many activities of the firm.

Thus, 1921 saw an extension of our Manchester Branch, and at the end of 1925 we moved into the Victoria Mills, where all the Manufacturing, most of the Packing and also our Printing Works were taken, leaving Casson Street to be used as a Warehouse and Garage for our fleet of Delivery Vans.

Potter & Clarke Ltd.

1812 1942

60-64 Artillery Lane, London, E.1. **77 Dantzic St., Manchester, 4.**

Phone: BIShopsgate 4761 (6 lines)
Grams: Horehound, Phone, London

Phone: BLAckfriars 8734.
Grams: Horehound, Manchester

An Announcement of Interest

Thos. Christy & Co. Ltd. are anxious that their custom s should know the latest position regarding certain products wh n they manufacture and distribute as circumstances are contin - ally altering arrangements and supplies in these diffic t and uncertain times.

GLYCO-THYMOLINE

Supplies of this famous product have been scarce owing to shortage of certain ingredients, but this difficulty has now been overcome by means of a slight alteration to the formula, which has not impaired the efficacy of the product in any way and which may be recommended as always with every confidence. Production is now going ahead and it is hoped that normal supplies will shortly be available.

ANTI-BI-SAN INFLUENZA PREVENTIVE

Last year many complaints were received from customers and members of the public to the effect that supplies of Anti-Bi-San were unobtainable, and many people were under the impression that this product was no longer being produced. Customers are therefore advised that ample stocks are available and will be so during the coming season and are asked to place their orders in good time to ensure prompt delivery.

ERGOAPIOL — (SMITH

Owing to import restrictions s product has been off the market r some considerable time, but y arrangements with Martin H. Sm n Company, New York, U.S.A., i s now being manufactured in s country. The formula will be sligl y modified and supplies will be av - able in 3-4 weeks time when orders n hand will be attended to immediat .

CO-DE-CO

This Denture Adhesive which s second to none was instantly appro d by the public and the Dental P - fession, since its first introduct n some eighteen months ago. In or r that there shall be no possibility f the name Co-De-Co being confu d with other similar articles, a d also to give full scope to the slo n " Perfect Denture Control ", it s been decided that this product sl l be marketed under the na e " Per-De-Co ", as soon as pres t stocks of Co-De-Co are exhaus . It is perhaps unnecessary to add t n the preparation itself will not e altered in any way. Customers s asked to make a very careful n e of this change of name.

NEW ADDRESS

THOS. CHRISTY & CO. LTD.

OLD SWAN HOUSE, CASTLE STREET, FARNHAM, SURR

THIS MEANS BUSINESS

Look to your stocks of

'SKETOFAX' BRAND AROMATIC CREAM

MIDGE AND MOSQUITO REPELLENT

Timely recommendation of 'Sketofax' will earn the gratitude of every open-air enthusiast. Applied lightly to the skin, this non-staining aromatic cream helps to prevent the attacks of midges, mosquitoes and kindred pests and gives relief after the bite.

Collapsible metal tubes. Retail price 1/3
(Purchase Tax 4d. extra)

BURROUGHS WELLCOME & CO
(The Wellcome Foundation Ltd)
12 Red Lion Square LONDON, W.C.1

QUALITY ENDURES
TRADE MARK

ESTABLISHED 1794

"MORYL"
Trade Mark Brand

Carbaminoylcholine Chloride

A powerful parasympathetic stimulant which is also effective when given by mouth. Of especial value in post-operative intestinal stasis and retention of urine, "Moryl" has a wide field of indications including anxiety neurosis, Raynaud's Disease, hypertonia, glaucoma and ozæna.

AMPOULES 3-10-50 TABLETS 20-50-250

"TETRONOX"
Trade Mark Brand

Reliable hypnotic and sedative. This barbiturate preparation is well tolerated through its careful combination with other drugs. The enhanced effect thus produced is not accompanied by like toxicity.

10 & 100 TABLETS

MARTINDALE
"E·S·T·P"
Trade Mark Brand

Ether - Soluble Tar Paste

An advance in coal tar therapy. Of particular value in eczema in its varied forms, "E.S.T.P" is also frequently successful in disorders where other preparations have failed to evoke any response. Does not stain; is not unsightly or unpleasant.

2-oz. 4-oz. 8-oz.

MARTINDALE
"STERULES"
Trade Mark Brand

Selected Products in Ampoules

An extensive range of standard and speciality preparations for injection.

Full details on request to:—

Savory & Moore Ltd.

Chemists to The King

Lawrence Road, Tottenham, N.15

Chelsea School
of
Pharmacy

CHELSEA POLYTECHNIC
S.W.3

●

Recognised Courses
for all
Pharmaceutical
Examinations
commence on
September 21st

●

FEES: **£8** per term

Prospectus free on application to the Principal

The
CHEMIST AND DRUGGIST
For RETAILER — WHOLESALER — MANUFACTURER

Published Weekly at
28 ESSEX STREET, STRAND, LONDON, W.C.2
Telegrams: "Chemicus, Estrand, London" Telephone: Central 6565 (10 lines)
Emergency Address: 17 ARGYLE STREET, BATH Telephone: Bath 5492

CONTENTS

	Page
A Union for all Pharmacists	118
Books, New	109
British Pharmaceutical Conference:—	
Proceedings	113
Pictures	114
Science Papers	116
Company News	110
Deaths	119
Editorial Articles:—	
Putting Pharmacognosy on the Map	121
First-aid Outfits	122
U.S. Pharmacy and the War	122
Scots Wha Hae Nae	122
Insurance Act Dispensing	110
Legal Reports	109
Marriages	119
News of the Week	105
Personalities	119
Pharmaceutical Society of Great Britain	125
Recent Wills	119
Sawdust in Absorbent Dressings	127
Small Traders' Welfare	123
Topical Reflections	108
Trade Marks	112
Trade Notes	111
Trade Report	128
'Way Down Eye	118

NEWS OF THE WEEK

Scottish Support for C.F. Scheme.—The ottish Pharmaceutical Federation recently nt out a form to be signed by Scottish emists binding themselves to support the hemists' Friends scheme. The form points t that the future of Scottish chemists pends on the support they give to firms hich restrict distribution of their preparions to chemists.

Removed from the Register.—After sumarising the evidence at the inquiry by e Statutory Committee of the Pharmautical Society into the allegations of eaches of rules and regulations by ancock & Co., Ltd., and Mr. A. N. ancock (*C. & D.*, July 11 and 18), the airman of the Statutory Committee id, on July 29, that: Finding as we do at he (Mr. Hancock) has been guilty of ch misconduct that must inevitably bring eat discredit on his profession, we direct e Registrar to remove his name from the Register of Chemists and Druggists. Inasmuch as no outside shareholders have financial interest in the company we direct that the said company shall cease to be an authorised seller of poisons and shall for three years become disqualified from being so authorised.

Toilet Preparations New Limitations.—We understand that the Limitation of Supplies (Toilet Preparations) (No. 4) Order (S. R. & O. No. 1512) is to be issued immediately and copies will be available at H.M. Stationery Office, Kingsway, London, W.C.2. This Order will authorise the derestriction of supplies of face and talcum powders and amends the quotas for the period August–December 1942 of other toilet preparations, cosmetics, etc., covered by Order No. 3. There is some doubt in the trade as to the correct interpretation of the Board of Trade's statement on the subject (*C. & D.*, July 18).

Irish Drug Association.—At the fifth annual meeting of the wholesale section of the Irish Drug Association held in Dublin recently, Mr. W. Rowland Such (managing director, Evans Sons Lescher & Webb (Ireland), Ltd.) was unanimously elected *Chairman* for the year (see p. 119), in succession to Mr. S. T. McAuley (Irish Pharmaceuticals, Ltd.). Mr. I. C. Dawson (a director, Ayrton Saunders (Dublin), Ltd.) was elected *Vice-chairman*, and Mr. Faskin (Wigglesworth, Ltd.) *Treasurer*.

Holiday Difficulties in Scotland.—In many Scottish centres which have been enjoying "holiday weeks" recently, chemists have had, unlike other traders, to remain open to meet their contractual obligations. "It is doubtful," writes a correspondent, "whether the proprietors, often working alone or with a young assistant, will be able to get a holiday at all. There would seem to be scope for some scheme of staggered holidays by which one firm at a time could close down for a few days."

Priority Milk Supplies.—The schedule of conditions qualifying for priority milk has been extended by the Ministry of Food to "patients with malignant disease, or lymphadenoma, or leukæmia, who are undergoing radiotherapy, whether by means of *x*-rays or radium, and who suffer from reactions to the therapy, as shown by difficulty in swallowing or digestive disturbances such as anorexia or vomiting, will be entitled to a maximum of two pints daily on the production of the necessary medical certificate, which will be valid for one month, but renewable for two further consecutive periods of one month on the production of further certificates." Certificates for priority supplies of eggs or milk for expectant mothers will be valid for three months at a time and renewable for further periods of three months to cover the duration of pregnancy.

The Grocers' Opinion.—The fifty-second annual report of the National Federation of Grocers' Associations contains the following: "Pharmacy and Medicines Act: Medicine stamp duties and vendors' licences were abolished, this crowning Federation efforts of several years. Our Federation was among the organisations actively concerned in the negotiations which led up to the passing of the Act. A last-minute attempt by the National Pharmaceutical Union to secure chemists' monopoly for new packs of 'proprietary' medicines and the like was summarily defeated. The Act holds a fair balance between chemists and other traders, and we regard it as a sound piece of legisla tion. We are closely watching the furthe efforts of the chemists' organisations to us the Act in a legalistic way against us and t secure monopolies in other directions. The ethical professions do not square with the commercial actions in poaching on th preserves of other trades."

Inquest.—At Malton, on July 21, a inquiry was held into the circumstanc attending the death of Dr. J. Y. Wooc house. Evidence was given by anothe medical practitioner, who stated tha deceased told him he had been takir morphine, but had been without it for fiv months. Dr. Woodhouse came to h surgery and was later found unconsciou Nearby was an empty phial that ha apparently contained twenty-five table of morphine, each of which represented dose for an ordinary person. It would b possible for a confirmed drug addict to tal a quantity of these tablets, but if he ha been without for five months that amou would prove fatal. Witness did not knc what amount of morphine Dr. Woodhou had, nor where he obtained it from. It w not from witness' surgery, as there was r morphine there. A verdict of death fro an overdose of morphine was returned.

Export Licences: New Application Forr—A new form of application for expc licences (application form D) has be prepared and should be used wherev practicable. Form B will continue to accepted, but where it is used it may necessary to ask for additional informatic The main change in the form is that all t questions have to be answered in all case hitherto it has not been necessary to answ certain questions in the case of applicatic for licences to export goods to Emp destinations. This change has been ma because of the need for more detailed formation in dealing with the problem conserving valuable materials. As there still considerable misapprehension w regard to the issue and refusal of expc licences, the Board of Trade desire emphasise that the very heavy demar for materials of almost every kind ha made it imperative, in order to ensu that goods vital to the war effort are r exported for non-essential purposes, control the quantities that can be export Exporters can assist the Export Licensi Department by refraining from submitti applications for licences to export goc in short supply which are needed at ho for war purposes.

Eire Carrageen Control.—An export ontrol Order issued by the Eire Government is designed to secure that a sufficient uantity of carrageen for home food needs set aside before any export demands e met.

Medical Research in Eire.—The fifth nnual report of the Medical Research ouncil of Ireland, recently issued, expresses oncern at the cramping effect on the ouncil's activities of insufficient financial rovision. The Council urges that an inome of £5,000 a year is not enough for e efficient discharge of its functions. Unr the auspices of the Council analytical ork has been carried out by, among others, . J. Boyle into potassium and electrolyte uilibria in muscle; by T. G. Brady into e preparation in high concentration of denine deaminase from the calf's intestine; y J. Breen into the possibility of changes potassium concentration in yeast; Einart Kaweran into the existence of ascorbic id in Irish drugs; J. G. Waugh into the icroscopic and other changes brought out by the sulphonamides on eggs; and y G. L. Murdock into the inter-relation etween immunity, infection, and vitamin-concentration.

Pharmaceutical Organisation in Eire.—n address on "Vocationalism in Pharacy" was given recently in Dublin to a presentative gathering of pharmacists by e Rev. E. J. Coyne, S.J. (vice-chairman f the Commission on Vocational Organisaon set up by the Eire Government). The eaker examined the existing organisations Eire of the medical, dental, veterinary, anking and similar professions, and comred them with organisation in pharmacy, ressing the need for vocational organisaon amongst pharmacists if they were to reserve their rights and interests. Fr. oyne said it would be better for pharmasts to create their own organisation than have one imposed upon them by the egislature. Those who took part in the ebate which followed included Messrs. . C. Cahill (president, Pharmaceutical ociety of Ireland), T. C. Scott, D. Walsh, eamus Murphy, J. A. O'Rourke, and . J. O'Rourke. The attendance included Iessrs. F. X. Meagher (president, Irish rug Association) and P. F. McGrath (a rmer president of the Association).

Irish Golf.—The Irish Chemists' Golfing ociety held a most successful outing at lermitage Golf Club, Lucan, co. Dublin, n July 12, when prizes presented by May oberts (Ireland), Ltd., and P. C. Cahill & Co., Ltd., were competed for. After the competitions a meeting was held in the club house at which the captain (Mr. F. J. Roche) presided. Sympathy was voted to the widow and relatives of the late Mr. John Fitzpatrick, a member of the Society for many years. Congratulations were extended to Lieutenant A. F. Roche (a former secretary of the Society) on his recent promotion in the Army. On the proposition of Mr. M. Costello, seconded by Mr. P. McAuliffe, a vote of thanks to the donors of the prizes was passed. Messrs. A. D. Davidson and P. C. Cahill replied. The results of the competitions were: *Nine-hole Bogey:* J. Smyth (16), 3 up (won on replay); A. W. Hughes (18), 3 up. *Eighteen-hole Strokes:* T. J. Lynch (5) 71 (won on second nine); M. Costello (11) 71. *Eighteen-hole Bogey:* J. Smyth (14), all square; F. J. Savage (6), 1 down. *Cup Winners:* Class 1, F. J. Roche (Hanna cup); Class 2, R. Bates (Erasmic cup); Class 3, J. Daly (Maw cup).

Scientific Work in Eire.—Giving details of the work of the Eire Emergency Scientific Bureau in the Dail on July 14, the Prime Minister (Mr. de Valera) mentioned that a plant for producing compressed ammonia had been erected, while another plant erected at Riverstown Distillery, with the co-operation of the Irish Alcohol Factories, Ltd., could now supply the nation's requirements in essential disinfectants. The alcohol factory would take over the commercial production of formalin. Investigations into the manufacture of various organic acids to meet the shortage of imported tartaric and citric acids required by the confectionery and other industries had shown that tartaric acid could not be produced on the scale required. A process had, however, been developed for the production of phosphoric acid, which could replace organic acids for some purposes, while the Bureau was still working on the production of citric, lactic, and mucic acids. The possibilities of fish oil production were being examined by the Department of Industry and Commerce and interested industries. Other investigations included the possibility of producing sulphur from the spent oxide of gasworks. Aluminium sulphate had been successfully manufactured. Medicinal glucose had been replaced by invert-sugar solution prepared by a simple process. The Bureau had developed a formula for the preparation of creosote disinfectant. It had also assisted towards the manufacture of zinc oxide.

TOPICAL REFLECTIONS

Conference Chairman's Address

One of the chief benefits of the British Pharmaceutical Conference is that each successive chairman brings before us for special consideration a different facet of pharmacy; and in this age of selections it might be worth while for someone to prepare a compilation from the addresses delivered from the chair of the Conference during its long history. To find a parallel to the address of this year's chairman, Mr. T. E. Wallis (pp. 87–90), we have to go back twenty years, when the late Professor H. G. Greenish opened the Conference with a survey of pharmacognosy in its relation to the pharmaceutical curriculum. Quoting Tschirch, Professor Greenish told us that the term "pharmacognosy" was first used by Seydler, author of "Analecta Pharmacognostica," in 1815. The chairman of 1942, like the president of 1922, referred to the close association of pharmacognosy with botany. For some years past there has been a tendency to relegate botany to the position of Cinderella among the prescribed studies. Those who were present at the 1930 meeting of the Conference will remember the ripple of laughter that followed the remark of the chairman (Mr. John Humphrey) that probably undue importance was attached to botany as a subject of the curriculum, the laughter being due to the fact that Dr. Claridge Druce was seated on the platform. Before passing from Professor Greenish's address, I may inquire what has become of his suggestion that the Pharmaceutical Society should have its own plot of land for the cultivation of botanical specimens. Possibly there is now a wider circle of friendly institutions and firms willing to provide plants for research than existed in 1922; yet it strikes one as somewhat undignified that a Society which, we are assured, is in a healthy financial position should be dependent on these sources of supply for so important a class of raw material.

Modern Developments

Of particular interest was the chairman's account of the direction that pharmacognosy has taken in recent years. In present developments Mr. Wallis is a pioneer and an acknowledged expert, for the lycopodium method of counting introduced by him in 1916 was the first systematic attack on quantitative microscopi work devised, and the critical comparis between wheat starch and barley star mentioned on p. 89 was the subject of Conference paper by him six years lat Students may be recommended to read t striking address with care, not only for lucid presentation of facts but also for glimpses of future research in which th may become participants. One such glimp is the remark that biological standardisati "is regarded, even by it advocates, as passing but necessary expedient, which w eventually disappear in favour of sat factory chemical or physical assay p cesses." Another is the expectation th the accumulation of certain numerical da or constants "will eventually result in greatly increased and probably unexpect penetration into the fundamental aspe not only of pharmacognosy, but of biolo in general."

The Science Papers

The reading of your abstracts of Conf ence science papers, even of the m formidable of them, is always worth whi The keen pharmacist can gather somethi which, if not immediately translatable in the language of the till, has a bearing the welfare of that necessary piece of fu niture. Looking through pp. 95–98, I not that Easton's syrup, a hardy perennial the research list, heads the selection. H the last word on its preservation now be said? One is reminded of a line of Brow ing's, written in a very different connexio "Each sufferer says his say, his scheme. . . Some day finality in this matter will doubt be attained, and by that ti prescribers may have forsaken the syru Of the nine papers abstracted by you, fi are by single authors and four by m than one in each case. It would be interest to know on what principle t choice between individual work and tea work in various types of research is ma There are some operations, such as a b logical test involving the use of a lar number of rats, that demand more th one skilled investigator; but in others must be difficult to decide at the outs whether or not a "one-man-show" is call for. When the expert in charge of t investigation needs assistance for some pa or possibly for all of the work, what is that qualifies an assistant to receive menti as a collaborator?

Xrayser

LEGAL REPORTS

Food and Drugs Act Charge Dismissed. Newball & Mason, Ltd., Nottingham, re called upon to defend a summons at e Hampstead Police Court, London, on ly 15, issued against them for alleged ence under Section 5 of the Food and ugs Act, 1938, concerning their product ich, for over sixty years, has been known d described as Mason's wine essence. e case was dismissed without calling idence for the defence.

Pharmacy Act Prosecutions.—At Bristol, July 20, Francis G. Goodliffe, Redcliffe reet, was fined £3 for selling a poison hen he was not an authorised seller of isons and for not having his name and dress on the container of the poison. The oduct concerned was said to be a cough rup containing codeine. It was stated r the defence that the syrup was bought an auction sale and defendant did not ow that it contained poison.—At Leices-r, recently, Leicester Co-operative Society, d., were fined £5 for selling by retail at eir Infirmary Square branch a creosoted rup containing codeine, the sale not ing effected under the supervision of a armacist. The Society was also fined for selling the preparation in a container t labelled in the prescribed manner.

Soap Rationing Offences.—At Oldbury, cently, Edgar R. Smith was summoned r infringing the soap rationing regulations d was fined £50. On a similar charge his ployers, N. F. Hollyoak, Ltd., chemists, Birmingham Road, Oldbury, were fined 5. Admitting that he obtained the soap m Smith without surrendering coupons, ilfred George Kemp was ordered to pay fine of £35. There were varying fines on elve other defendants for obtaining the ap. Making a plea in mitigation on half of Smith and the defendant company, r. Colin Coley said that Smith had a large ock of toilet soap which was not suitable r rationing because of its weight. Some the soap had been in the shop since fore the outbreak of war, and as Smith ought that it would probably have to main in stock for the duration of the ar, decided to dispose of the soap so that could be of some use.

A Diabetes Circular.—At Bristol, on uly 20, Edward A. Coates, Beaufort Road, as summoned for unlawfully advertising medicine alleged to cure diabetes. Mr. . W. Wansbrough, who prosecuted for the Pharmaceutical Society, said defendant had advertised in a magazine called "Herb Doctor" in about 1937 a patent medicine "Daddy's Deodorised Viscous Oil" for diabetes. Recently an inspector of the Pharmaceutical Society (Mr. M. G. Lewis) had written to the defendant asking for particulars of this cure, and received a long letter in reply in which the defendant stated that he was no longer permitted to say that it was for diabetes. He said that Mr. Lewis could get it from a well-known firm of chemists, which he named, providing that he did not ask for a cure for diabetes, but asked for it by name. Defendant pleaded not guilty, and on his behalf it was maintained that as the inspector was a registered pharmacist the case was invalid, as it was a privileged communication permitted by the Act. The letter enclosed a printed circular which was the subject of the charge, and which stated that the product was a cure for diabetes. The defence contended that this was merely put in to show the method of use. A fine of £5 was imposed.

NEW BOOKS

Chemical Manufacturers' Directory.—$7\frac{3}{4}$ in. × $5\frac{1}{4}$ in. Pp. 186. Seventy-fourth edition. 5s. 6d. Simpkin Marshall (1941), Ltd., 12 Old Bailey, London, E.C.4. This new edition of a well-known chemical directory follows its predecessors in style.

You and the Call-up.—R. S. W. Pollard. $8\frac{1}{4}$ in. × $5\frac{1}{2}$ in. Pp. 48. 1s. Blandford Press, Ltd., 16 West Central Street, London, W.C.1. Explains in simple terms the liabilities of different persons under the National Services (No. 2) Act, 1941, to compulsory service in the Forces, industry, Home Guard or Civil Defence.

Essentials of Dermatology. Tobias, N. $7\frac{3}{4}$ in. × 5 in. Pp. 497. 28s. J. B. Lippincott Co., Aldine House, Bedford Street, London, W.C.2. The author has classified the numerous diseases affecting the skin into about thirty important groups, each of which includes about half a dozen different conditions. His object has been to condense the subject of dermatology into a concise, practical textbook without sacrificing details to be found in larger works. Thus, histological and theoretical considerations are reduced to a minimum. Clinical types, ætiology, diagnosis and treatment are summarised.

COMPANY NEWS

TECTO PRODUCTS, LTD. (P.C.).—Capital £100. Manufacturers of and dealers in chemicals, drugs, disinfectants, etc. Herbert R. Churchill, director. R.O.: 74 Newman Street, London, W.1.

MACCLESFIELD CHEMICALS, LTD. (P.C.).—Capital £200. Chemists, druggists, chemical manufacturers, etc. Norman B. and Mrs. Dorothy Maurice, directors. R.O.: Pearle Street, Macclesfield.

LAWRENCE (BRIGHTON), LTD. (P.C.).—Capital £400. Chemists and druggists, librarians, etc. Phyllis C. Lawrence and Henrietta E. R. Groves, M.P.S., directors. R.O.: 43 Gardner Street, Brighton.

SHELDRICKS, LTD. (P.C.).—Capital £1,000. Manufacturers of and dealers in chemicals, drugs, toilet requisites, photographic materials, etc. David Gold, director. R.O.: 20 Sheepcote Road, Harrow, Middlesex.

F. P. CHEMISTS, LTD. (P.C.).—Capital £1,000. Wholesale, retail and manufacturing chemists. Francis P. Martin, M.P.S., and Kenneth J. Rumbold, directors. R.O.: 110 Seven Sisters Road, London, N.7.

COUNTY BOTTLING CO., LTD. (P.C.).—Capital £2,000. Manufacturers of aerated waters, etc. Evelyn Ranking, George B. Weatherburn and Etta Whitaker, directors. R.O.: 71 Back Station Road, Birtley, co. Durham.

YARDLEY (RAYLEIGH), LTD. (P.C.)—Capital £1,200. Wholesale or retail chemists, drug merchants, etc. John E. Crowe, M.P.S., Leonard C. Laxton, and Geoffrey W. Unwin, M.P.S., directors. R.O.: 111 High Street, Rayleigh, Essex.

DUTTON & HOLMES, LTD. (P.C.).—Capital £1,000. Packers and manufacturers of and dealers in perfumes, soaps, toilet preparations, etc. George R. Dutton and Harold H. Holmes, directors. R.O.: 13 Southampton Place, London, W.C.1.

LESTER & WILLIAMSON, LTD. (P.C.).—Capital £3,000. To acquire the business of a chemist and optician carried on by George R. Williamson at 428 and 579A Foleshill Road and 203 Longford Road, Coventry. George R. Williamson, M.P.S., and Margaret J. Williamson, directors. R.O.: 428 Foleshill Road, Coventry.

ADJUSTMENT ORDER.—P. A. Exley, surgical dressing contractor, 92 Street Lane, Leeds, 8; order under Liabilities (War-ti Adjustment) Act, 1941, granted July 9.

DELETED FROM REGISTER.—The "Lond Gazette," July 17, announces that Ci Perfumery Co., Ltd., Dixon Soap Co., Lt and Winchester Chemical Co., Ltd., ha been struck off the Register of Compani

BANKRUPTCY.—John Smith, M.P.S., T Kennels Cottage, Cragside, Rothbu trading at Town Foot, Rothbury, Nort umberland. (Receiving Order and adjudi tion.) Public examination at 10.45 a. on August 26, at The Court House, Westgate Road, Newcastle-upon-Tyne.

INSURANCE ACT DISPENSING

Glasgow.—Insured persons entitled medical benefit in the area of the Bur Insurance Committee at the beginning the year totalled 479,531—a decrease 11,149 from the previous year's figure.

Cheshire.—The Insurance Committee h made representations to the Ministry Health calling attention to the shortage drugs in some places resulting from unequ distribution of supplies, and asking for immediate remedy to be applied. At meeting of the Committee a memb said he understood some doctors were s prescribing drugs that were not availab It was also alleged that chemists we varying prescriptions by supplying t nearest drug to that prescribed by t doctor. His view was that if a particu drug was not available it was useless ord ing it. He did not like the idea of prescr tions being varied in any way. Mr. H. Wallis, M.P.S. (treasurer, Pharmaceuti Society) said he did not want anyone get the impression that unauthorised su stitution was going on. An Order had be made authorising chemists to use certa alternatives providing the prescription w marked accordingly. The clerk said t Ministry was satisfied that in 999 ca out of 1,000 an approved alternative was efficient as the scarce substance, but t possibility of an odd case in which it mig be preferable not to substitute could n be ruled out. A medical man suggest that chemists might let doctors know they had run out of certain suppli Mr. H. W. Wallis said: "It is galling see stocks of cough mixtures in sixpen stores when we cannot get some of t ingredients."

TRADE NOTES

Sulphanilamide, B.P.—Inquiries for bulk supplies are invited by the Geigy Pharmaeutical Co., Ltd., National Buildings, Parsonage, Manchester, 3.

Distributors Appointed. — Cal-ma-Vite stomach remedy is now being handled exclusively by the distributors, Thos. Christy & Co., Ltd., 3 Castle Street, Farnham, Surrey.

Africa Agencies.—An offer to act as sole buying agents in South and Equatorial Africa for pharmaceutical products, proprietary medicines, toilet preparations, etc., is made by Dominion & Continental Agencies, P.O. Box 77, Durban, South Africa.

Synthetic Drugs.—A range of synthetic chemicals that includes stilbœstrol dipropionate, acetylcholine bromide, bromsovaleryl urea, nicotinic acid, nikethamide, vitamin K and calciferol is offered by L. Light & Co., Ltd., Old Bowry Laboratories, Wraysbury, Bucks.

Prompt Dispatch Promised.—Jason & Stuart Products, Ltd., Plane Street Mills, Oldham, Lancs, inform chemists that as a result of improved methods of production they are in a position to execute all orders promptly for Marie de luxe sanitary towels. Strict rotation is guaranteed.

Mathaplast.—It is pointed out by William Mather, Ltd., Dyer Street, Manchester, 15, that their speciality Mathaplast has been in production for some considerable time. Restricted quantities are available for regular customers. [Corrected note.]

Price Correction.—Burgoyne, Burbidges & Co., Ltd., London, E.6, point out that the prices of Parrish's chemical food, given in their advertisement (July 4, p. i), were incorrect. The correct prices for the three sizes are 7s., 10s. 3d., and 18s. per dozen.

Hygiene Award.—Convoy Products, Ltd., London, announce that the certificate of the Royal Institute of Public Health and Hygiene has been awarded to their specialities Convoy brand meat extract Nos. 1 and 2, which are obtainable from the United Chemists' Association, Ltd., Cheltenham Spa, and S. Maw, Son & Sons, Ltd., Aldersgate House, New Barnet, Herts.

A New Antiseptic Application.—Valderma antiseptic balm, a white, washable (emulsified-base) ointment, has been introduced by Dae Health Laboratories, Ltd., 27 Berners Street, London, W.1. Tests are understood to have shown germicidal qualities superior to those of carbolic and boric ointments against *B. coli* and other specified bacteria. One size only is issued, in jars.

Trading Activities Unaffected.—It is pointed out by Riddell Products, Ltd., Axtell House, Warwick Street, London, W.1, that the voluntary liquidation of Francis Riddell, Ltd., in no way affects the trading activities of the company, which will in future supply all products hitherto marketed by Francis Riddell, Ltd., including Riddobron Brand Bronchovydrin asthma inhalant.

Labelling of Liebig's Wines.—The Liebig Malt Wine Co., 5 Somers Street, Park Lane, Leeds, 1, state that stocks of Liebig's meat and malt wine are labelled in accordance with the Pharmacy and Medicines Act, 1941, but that every bottle of Liebig's blood wine must bear a formula label. Supplies of new labels are in the company's hands and sufficient will be sent out to any retailer making application in respect of the stocks he holds of this product.

Ambrosia Food for Drug Trade.—Among products the distribution of which to grocers is controlled under the Ministry of Food's sector scheme is Ambrosia dried-milk food. Arrangements have been made that distribution to chemists shall be effected through the usual channels through which they obtain supplies of Bovril, except in the sector Devon and Cornwall, in which area orders will be handled by the makers, Ambrosia, Ltd., Dept. L.O., Lifton, Devon.

Manchester Office Opened.—Pharmaceutical Specialities (May & Baker), Ltd., announce the opening of their Manchester office at 86 Cross Street. (See *C. & D.*, July 11, p. 32.) The primary function of the Manchester office will be to provide customers in the north with a convenient information service and literature on the company's medical specialities. For the present, no stocks will be carried, but urgent orders received before 11.30 a.m. will be telephoned to Dagenham and dispatched the same day, stocks permitting.

Goods for Northern Ireland.—We have had brought to our notice by Northern Ireland readers that occasionally, when they have replied to advertisements in the Coloured Supplement of goods for sale, they have had their remittances returned with an intimation that "the goods could not be sent to Northern Ireland since an export

licence is needed." Actually, there is no difficulty in obtaining such export licences, and firms in this country who have a regular trade with Northern Ireland are granted general licences. It is suggested that where advertisers in the Coloured Supplement of goods for sale do not wish to go to the trouble of obtaining licences to cover such incidental dispatches of this kind, they should state in their advertisements that the goods offered are not available for Northern Ireland.

Business Changes

THE PLASTICS CONTROL, Ministry of Supply, has moved to Universal House, 56 Buckingham Palace Road, London, S.W.1. Telephone: Sloane 9985.

MRS. C. L. WHITE has taken over the management of her husband's business at 99 Dunnikier Road, Kirkcaldy, Fifeshire, Mr. White having been forced to give up active daily participation in the business owing to ill health.

MR. PETER S. GOVAN, M.P.S., 334 Golfhill Drive, Dennistoun, Glasgow, has taken over the pharmacy of Mr. Robert Birrell, M.P.S., 11 Argyll Street, Lochgilphead, Argyllshire. Mr. Birrell sold the business on being called up for service in the Royal Air Force; he is now on active service.

Proprietary Articles Trade Association

Alterations to Protected List.—*Icilma toilet preparations* (selling agents: *A. & F. Pears, Ltd.*), 5 per cent. display allowance on 30s. parcels withdrawn. New price-list on application.

Bob Martin, Ltd., Antimate, 2s., 18s. doz.; 3s. 6d., 31s. 6d. doz. Martin Milk, no supplies available until further notice. 92 ointment, 6d. size discontinued. Revised display terms: Minimum parcel, £2. Bonus of nine 7d. medium-strength condition powders. Orders over £2. Above bonus plus one 7d. medium-strength condition powder for every 4s. 6d. worth of goods purchased in excess of the minimum parcel. Terms are conditional on fourteen days' window or counter display.

Deletions.—*Western Dental Manufacturing Co., Ltd.*, Sotol mouth-wash tablets (bottles of 250).

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the *C. & D.*, 17 Argyle Street, Bath, Somerset.

TRADE MARKS

(*From "The Trade Marks Journal," July 1*)

"LICTAKOF"; for medicinal preparations fo bronchitis and coughs (5). By J. Christma Williams, 121 High Street, Portmadoc Carnarvonshire. B617,887.

"NILBLAIN"; for medicated preparations fo chilblains (5). "DENTACIFIC"; for medi cated preparations for the teeth (5). B W. R. Williams-Crowe, White Ben, Sout Road, Chorley Wood, Hertfordshire 618,686; 618,951.

"DENOC"; for preparations for killing weed and destroying vermin (5). By Pest Control Ltd., Harston, Cambridgeshire. 618,913.

"VeeVite"; for preparations of vegetabl extracts for food (29). By Boots Pure Dru Co., Ltd., 37 Station Street, Nottingham 618,206.

"TIMCO"; for meat extract (29). By Th Times Food Products Co., Ltd., Imperia House, 80–86 Regent Street, London, W.1 618,540 (Associated).

"SUPERVITA"; for vegetable juices for bever ages and for fruit juices (32). By T. Taylo Peddie, 26 Stafford Court, Kensington London, W.8. 618,714 (Associated).

(*From "The Trade Marks Journal," July 8*)

"RAPAX"; for industrial chemicals (1). By Ian N. Merrill & Co., Ltd., 13–17 Oak Street Heeley, Sheffield, 7. 618,046.

"ALFLOC"; for industrial chemicals (1). By Alfloc, Ltd., Ingersoll House, Kingsway London, W.C.2. 618,479 (Associated).

"WELVIC"; for adhesive substances used in industry (1). By I.C.I. (Plastics), Ltd. Wexham Road, Slough, Buckinghamshire 618,802 (Associated).

"CUSHY"; for cleaning and stain removing preparations (3). By The Hygenol Co., Ltd. 75 Low Road, Hunslet, Leeds. B617,566.

"EONIA WHITE ROSE" on label device of girl's head and roses (words "White Rose," devices of roses and letters "J. & E." disclaimed); for hair lotions (3). By J. & E. Atkinson, Ltd., 24 Old Bond Street, London, W.1. 618,368 (Associated).

"MATADOR"; for perfumes and toilet preparation (3). By J. Grossmith & Son, Ltd., Luton, Bedfordshire. 618,680.

"KEMITHAL"; for pharmaceutical substances for human and veterinary uses (5). By Imperial Chemical Industries, Ltd., Wexham Road, Slough, Bucks. 618,250.

"GLYCOVITE"; for pharmaceutical preparations and substances containing glycerin (5); "KEMVAL"; for pharmaceutical preparations and substances (5). By Unichem, Ltd., 219 Upper Tooting Road, London, S.W.17. 618,286; 618,107.

"NIPITS VOICE THROAT AND CHEST PASTILLES"; with design of penguin; for medicated sweetmeats (5). By Teasdale & Co., Ltd., South Vale Works, Westmorland Street, Carlisle. 618,396 (Associated).

BRITISH PHARMACEUTICAL CONFERENCE

HE seventy-ninth annual meeting of the ritish Pharmaceutical Conference was ld at the Waldorf Hotel, Aldwych, ndon, W.C.2, on July 22, Mr. T. E. allis in the chair. MR. W. S. HOWELLS resident of the Pharmaceutical Society) elcomed the delegates. He said the nference was restricted entirely to the ading and discussion of science papers, d he congratulated the authors of those pers for having found the time to give this important research work in these usy and strenuous days. For nearly three ears the country has been engaged in a esperate struggle for its existence, and r the existence of those things which rm a part of a great civilisation. The ork done in the past by English research orkers in various fields of science has ntributed no mean part to the establishent of that civilisation. He thought it ght and proper, therefore, that the work f these conferences should be continued nd encouraged in war-time. The need for cientists seemed far greater and more rgent in war-time and they should be given ll possible facilities. He regretted that the cial side of the Conference had had to be bandoned for the time being, but a resumption of this side could be looked for in etter and happier days. Responding, THE HAIRMAN said he thought that British harmacists would be called upon to assist leading progress in pharmacy in post-war ears and consequently it was particularly esirable that a flow of research work in this phere should be maintained.

MR. C. E. CORFIELD, on behalf of those resent, proposed a vote of thanks to the hairman of the Conference for his instructve address (*C. & D.*, July 25, p. 87), and aid that Mr. Wallis's teaching had gained for im a well-deserved reputation in pharmacognosy, and his researches had proved of world-wide value. He was delighted that Mr. Wallis had ventured to cross the headands of pharmaceutical politics on several points, and he hoped that members of the governing bodies would carefully consider hese points, namely, (1) That it was a pity in these days, when materia medica museum specimens would be of the greatest value to the country for comparing the various standard drugs with their adulterants and substitutes, that the Society's specimens were stored away and the museum closed. (2) That pharmacy depends for its political interest on its retail pharmacists, who are dependent on academicians and teachers. The chairman had mentioned that the advance of the status of the pharmacist would lead to greater recognition in universities in the country. He suggested that separate chairs in pharmacy should be established, which were not dependent on medicine. (3) That with regard to the representation of pharmacognosy on the British Pharmacopœia Commission such recognition would help to advance the status of pharmacy.

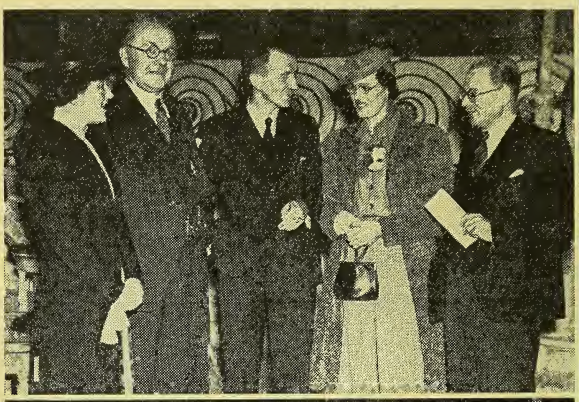
Seconding the vote of thanks, MR. A. R. MELHUISH considered that the chairman's paper was a very valuable contribution, not only to the Conference but to pharmacy in general. He thought the mantle of the earlier pioneers in pharmacognosy had fallen very gracefully on a very modest man, Mr. Wallis. He thought it as well to realise that, although museum specimens were in storage, they were at least safe. He trusted that, when the Society took up its new home, it would have the help of Mr. Wallis in all matters relating to pharmacognosy.

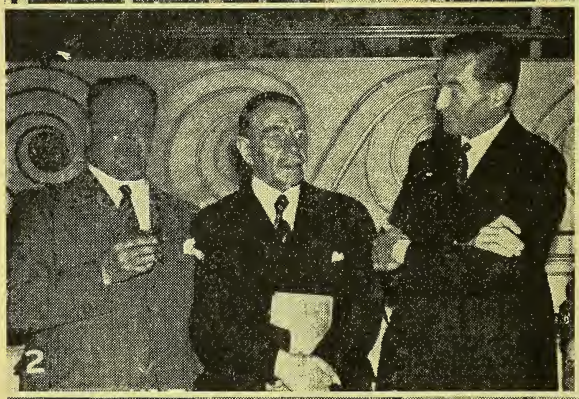
Annual Reports.—The annual reports of the Executive Committee and of the treasurer were presented by Messrs. G. R. Boyes and T. Marns.

The accounts showed income from subscriptions by elected members to be £71 8s., while a composition fee of £25 was received under Rule 2 from the Pharmaceutical Society of Northern Ireland. These amounts have been credited to the account of the "Quarterly Journal of Pharmacy and Pharmacology." The general expenses of the Conference were £14 7s. These figures were included in the Pharmaceutical Society's financial statement presented at the Society's annual meeting in May of this year. The amount expended is £7 5s. 9d. more than last year. The balance sheet showed on the assets side Consols to the nominal value of £1,250, and cash at the bank amounting to £84 5s. 11d. on current account and £200 on deposit. There was at the bank at the end of 1941 a surplus over the previous year of £28 6s. 4d. The usual presentation of books in connexion with the Bell and Hills Fund has been discontinued until after the war.

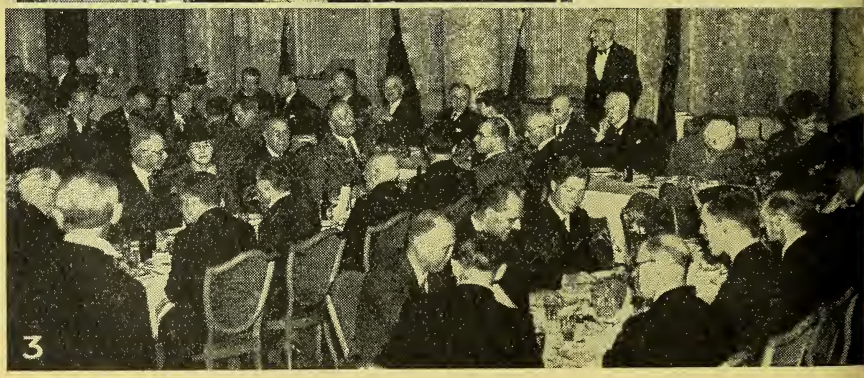
Their adoption was proposed by THE

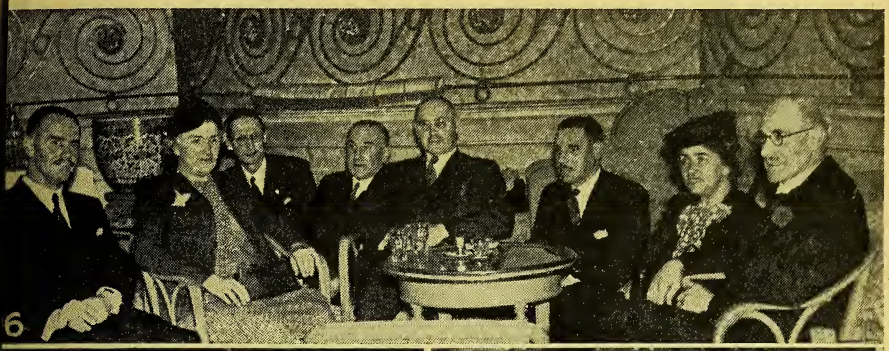
BRITISH PHARMACEUTICAL CONFERENCE . . . London, 1942

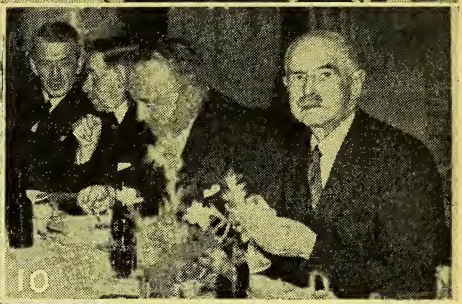


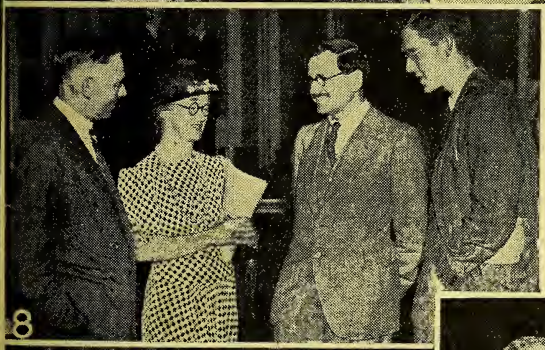


1. *Left to right:* Mrs. C. E. Corfi
Dr. C. H. Hampshire, Mr. C.
Corfield, Mrs. and Mr. G. R. Bo
2. Dr. J. Tait, Mr. W. F. Hay, Mr. H
N. Linstead. 3. The Confere
Luncheon. 4. The Chairman (Mr. T
Wallis). 5. Mr. and Mrs. W. S. Howe

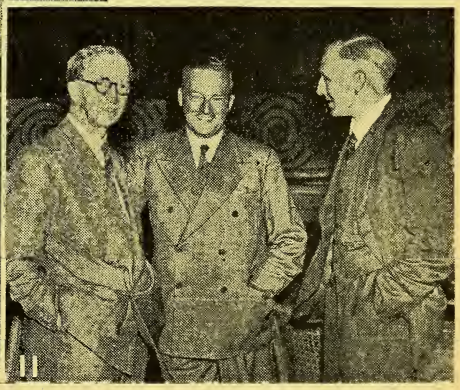








6. Group includes Mr. and Mrs. F. G. Wells, Mrs. T. Marns, Mr. J. F. McNeal, Mr. E. Ratcliffe, Mr. G. A. Tocher, Mr. Hayward and Mr. Jarman. 7. *Left to right:* Mrs. Lockyer, Mrs. A. R. Melhuish, Mr. A. R. Melhuish, Mr. J. Milner. 8. Dr. F. Wokes, Miss J. Duncan, Dr. K. Bullock, Mr. J. W. Lightbown. 9. Mr. A. J. Jones. Mr. C. E. J. Sendall, Mr. C. J. Jordan. 10. Mr. C. E. Corfield, Mr. W. F. Hay, Dr. C. H. Hampshire, Mr. R. R. Bennett. 11. Mr. A. Nutter Smith, Mr. T. Marns, Mr. A. D. Powell.



PRESIDENT of the Society and seconded by the VICE-PRESIDENT (Mr. F. G. Wells). The reports were unanimously adopted.

Officers for Next Conference.—The Executive recommended that the following officers be appointed for 1942–43: *Chairman:* T. E. Wallis; *Vice-presidents:* W. A. H. Naylor, J. F. Tocher, D. Hooper, E. Saville Peck and C. A. Hill; *Vice-chairmen:* F. W. Gamble, R. R. Bennett, J. H. Franklin, H. Skinner, C. H. Hampshire, F. W. Crossley-Holland, H. Deane, H. Humphreys Jones and A. R. Melhuish; *Honorary Treasurer:* T. Marns; *Honorary General Secretaries:* C. E. Corfield and G. R. Boyes; *other members of the Executive:* H. Berry, H. Brindle, B. A. Bull, N. Evers, G. J. W. Ferrey, Mrs. J. K. Irvine, A. J. Jones, F. G. Wells and F. C. Wilson; *President* (*ex officio*): The President of the Pharmaceutical Society of Great Britain; *other members of the Executive:* The President of the Pharmaceutical Society of Ireland, the President of the Pharmaceutical Society of Northern Ireland, the Chairman of the North British Executive of th Pharmaceutical Society of Great Britain.

Arrangements for Future Meetings.—Th Executive consider it inadvisable to mak any definite plans for future meetings c the Conference, but they will make ever possible endeavour to maintain the ur broken continuity of the meetings durin the continuance of the war, and they loo forward to the time when it will be possibl to resume the meetings on a more extensiv scale than present circumstances permit.

MR. NUTTER SMITH, proposing the elec tion of the officers, paid tribute to th amount of work put into the affairs of th Conference by the chairman and secre taries, and thought that the two nev members, Messrs. H. Berry and G. J. W Ferrey, were very apt and able persons t carry on the work concerned. DR. HERSAN seconded the proposal and the officers wer unanimously elected.

MR. WALLIS thanked the meeting for th honour of inviting him to be the chairmar for the next year's Conference.

SCIENCE PAPERS

(*Concluded from the C. & D., July 25, p. 95*)

Observations on Indian *Artemisia*

By N. A. QAZILBASH

A NUMBER of the species of *Artemisia* have been reported as commercial sources of santonin, and there is much confusion between the santonin-containing and the santonin-free forms of allied species and varieties. Classification of the genus *Artemisia*, section *Seriphidium*, requires urgent revision, and the diagnostic characters of the species and the distinctive features of the santonin-containing and santonin-free forms clarified. *Artemisia* is very common in Afghanistan and the tribal territories on the border of British India, and in the Kurram santonin-containing and santonin-free forms are met with. The two forms belong to two distinct species. The santonin-containing form belongs to a distinct subspecies under *Artemisia cina* group. Qualitative and quantitative methods for the determination of santonin in dried samples of *Artemisia* are described in the paper. It is found that samples of *Artemisia*, collected from different localities in the same geographical area show remarkable variation in santonin content. Material for manufacturing purposes should consist of leaves and immature flower-heads only, completely freed from pieces of stem and branches, and thin pieces of the stalk, to ensure a high percentage of santonin. (From the Department of Botany, Islamia College, Peshawar.)

Absorption Spectrophotometry in Pharmaceutical Analysis.—Part IV

By W. F. ELVIDGE

THIS paper summarises the value of absorption spectrophotometry as applied to pharmaceutical analysis, and is based on the work carried out during the past four years.

The following are the main conclusions: As applied to the determination of the purity of any one sample, spectroscopic data act as secondary and not as primary standards. Considerable impurities may be present without being detected spectroscopically. Along with other physical and chemical data they afford a good measure of the purity or normality of a sample. Spectroscopic methods are capable of great accuracy, and once the value for a compound

as been established it may be relied upon give good results, comparable with other ethods of analysis and superior in sensivity, and to allow of the accurate deterination of much smaller quantities—1/10 1/1000 of the amount possible by ordinary ethods. They are suitable for routine ork, especially where only small amounts sample are available. In qualitative ork their value is restricted. The aim should be to separate the compound in question, and not to use composite curves. In practically every case where an absorbing compound is concerned, some suitable spectroscopic feature can be found which is adaptable to quantitative work. Solvent influence is important, and requires investigation as widely as possible in any particular case. (From the Analytical Laboratories of Boots Pure Drug Co., Ltd.)

Spray-drying of Pharmaceutical Products
Part I.—Infusions and Extracts

By Kenneth Bullock and J. W. Lightbown

GREAT advance in the subject of spray-ying was made when, in 1940, Waite escribed a small, relatively inexpensive ray-dryer. This plant, somewhat elabrated and improved for the drying of lood plasma and serum, has been used for e experiments described. The design of the ant used is capable of improvement, and eater efficiency can be obtained when the ptimum conditions for working have been scertained. The authors have not so far iled to obtain a powder from any of the xtracts which they have attempted to ry, and even the most delicate enzymes nd biological substances have remained ndamaged. Although relatively small, the lant described is still outside the range of ost, even hospital, dispensaries, and would in general only be operated on the wholesale scale. Liquid extracts, infusions and tinctures have found a wide use in the past, probably due to the fact that the corresponding dry completely soluble powders were not available. It is suggested that the ideal way of preserving infusions is by spray-drying, and the powders for infusions of quassia, calumba, senna and senega are described. Dry extracts of cascara, krameria, liquorice, gentian and cinchona are described. All may be obtained in a form completely soluble in water. The successful drying of certain other biological fluids and enzyme solutions as well as gelatin, tragacanth and acacia is described. (From the Department of Pharmacy of the University of Manchester.)

Determination of Iron, Manganese and Magnesium in Galenicals by 8-Hydroxyquinoline

By G. J. W. Ferrey

EVERAL methods have been suggested for e determination of iron in phosphate yrups, but none has hitherto been without s disadvantages. In this paper, the use f hydroxyquinoline ("oxine") for deterining iron in syrups, etc., has been xamined. Under suitable conditions, mananese and magnesium may be determined n the same sample after the iron has been emoved. Since the three metals are often ound associated in galenicals, some work n their separation by means of oxine has een included. Under certain *p*H conditions none of the other constituents of ompound syrup of ferrous phosphate, yrup of ferrous phosphate with quinine nd strychnine or of many of the B.P.C. iron yrups and glycerins interferes with the uantitative precipitation of iron by means f oxine. The iron is oxidised to the ferric tate, the solution brought to the correct H by means of ammonium citrate solution and the iron precipitated by adding an excess of an alcoholic solution of oxine to the hot solution. The complex of iron and oxine contains only 11·45 per cent. of iron, is very insoluble and is rapidly dried to the anhydrous state at 100° C. The most suitable temperature for precipitation of iron is 80 to 90° C. The black precipitate coagulates after two or three minutes and is filtered off through a tared sintered glass crucible, washed with hot water and dried at 100° C. for an hour. Some experiments on the application of the Koppeschaar method to the titration of the iron-oxine complex are given. The methods evolved have been applied to phosphate, hypophosphite, and glycerophosphate syrups, scale preparations, pills and tablets with satisfactory results. The oxine method is rapid and convenient and requires little manipulation. (From the Analytical Laboratory of James Woolley, Sons & Co., Ltd.)

'WAY DOWN IN EYE

Said Father Time: This makes me writhe!
It seems, however hard I try
To mow 'em down with my old scythe—
They just won't die 'way down in Eye.

THERE were no deaths during the quarter ended June 30, 1942, in the ancient borough town of Eye in North Suffolk (population

1,700). The London "Daily Mail," in the issue of July 18, published an amusing article by "Neb" on the subject of the longevity of the town's citizens, from which the accompanying extracts and cartoon are taken, referring to Alderman A. E. Onyon, J.P., C.C., M.P.S., Mayor of Eye, who "came to Eye as dispenser to the lat Dr. Edgar Barnes in 1887."

"The medical officer has reported tha the reason for this is pure water and a abundance of green food. I now subm that, given the companionship of Gu Driver, Dicky Bird and Alderman Onyo and all, I would last a good many years a Eye—even supposing that the water wa not quite pure and you had to give point for cabbages. Alderman Onyon is mayo and he has been mayor nine times, whic suggests that bringing forward a motio of "No confidence" in Eye must be heartbreaking job. Alderman Onyon also the local chemist—where he sel most things as well. Now and agai I believe, he makes up an imaginar prescription—just to keep his hand in and no doubt quite happily pours it dow the sink."

Alderman Onyon, besides being the chi citizen of Eye, is a County Councillor f East Suffolk, a justice of the peace for th Borough, a governor of Eye Gramma School, manager of Eye Area School an Eye National School, and holds variou other public offices in the town and count He commenced business on his own accou in Eye in 1920.

A UNION FOR ALL PHARMACISTS

A PAPER on "Unity in Pharmacy" was read by Mr. W. J. Woodley, who spoke as an employee, unattached to any union, at a meeting of the North London Pharmaceutical Association recently. Mr. Woodley believed that there was a growing need for a union of pharmacists which would not suffer from the limitations of the Pharmaceutical Society. There were many unions and associations of pharmacists today, but these should be consolidated so that pharmacy could speak with one voice, particularly in preparing a scheme for the post-war period. Though pharmacists had complained that dispensing did not pay, in his own experience purely pharmaceutical work did repay the care given to it. Such problems as profits, conditions of labour, wages, the Shops Acts, Poisons Law, National Health Insurance terms, extension of the health services, the Chemists' Friends scheme, pensions and superannuation, he said, affected all pharmacists and required equal representation on all committees, so that strong recommendations could be made to a central headquarters with trade union backing. union like the National Pharmaceutic Union should become national by absorbi all pharmacists. It could then become power in the country. There was a commo dislike among pharmacists of trade unio ism, but it was probably the most powerf factor, and vital for collaboration in industr

Discussion centred round the difficulti involved in the Pharmaceutical Society developing an employee organisation.

MR. HEARLE said that several years a the N.P.U. had attempted to form a employee section, without success. H thought that a separate organisation w desirable, having a liaison committee wi the Society in the same way as the N.P.

MR. WOODLEY then put the resolutio of the Bradford Branch, amended a follows: "That this joint meeting is opinion that one Association or Union all holders of a Qualification of the Pharm ceutical Society is necessary and desirab for the protection and advancement their interests, and that membersh should be without class distinctions."

PERSONALITIES

MR. THOMAS W. LIVESAY, sales director f Cephos, Ltd., Blackburn, is at present erving in H.M. Forces.

MR. RAYMOND EVERSHED, K.C., chairnan, Central Price Regulation Committee, as resigned to take up an appointment as egional coal controller for Notts, Derbyhire and Leicestershire. Mr. Evershed's uccessor has not yet been appointed.

MR. W. ROWLAND SUCH, the new chairnan of the wholesale section of the Irish Drug Association (see p. 106), is well known to pharmacists all over Ireland. He succeeded the late Mr. Grimes as representative in Ireland of Evans Sons Lescher & Webb, Ltd., and was one of the most popular men "on the road" for a pharmaceutical firm. Subsequently when Messrs. Evans Lescher decided to form an Irish company Mr. Such was appointed its first managing director, a post he has filled with marked ability. An excellent "mixer," Mr. Such is one of the most active members of the Irish Chemists' Golfing Society, and seldom misses an outing. He is also treasurer of the Lucan Golf Club and president of the Cremore Cricket Club.

Mr. W. Rowland Such

MARRIAGES

GRAY—JOHNSTON.—At Christ Church, Lisburn, co. Antrim, on July 17, Leading-Aircraftman Ronald A. Gray, 137 South Lambeth Road, London, to Elizabeth Johnston, elder daughter of the late Mr. Thomas Johnston, M.P.S.I., Market Square, Lisburn, and Mrs. Johnston, 4 Wallace Avenue, Lisburn.

MCGUFFIE—GRANT.—At Aberdeen, on July 13, Herbert McGuffie, M.P.S., to Margaret Grant.

PARSONS—HONE.—At Tolworth, Surrey, Congregational Church, on July 22, John Charles Stanley Parsons, M.P.S., Windsor, to Heather Winifred Hone.

PEUTHERER—RITCHIE.—At Kirkcaldy, on July 20, James McIsaac Peutherer, M.P.S., to Maud Taylor Ritchie.

DEATHS

ALBRIGHT.—At Edgbaston, Birmingham, on July 13, Mr. William Arthur Albright, formerly chairman of Albright & Wilson, Ltd., aged eighty-eight.

COLLETT.—Recently, Mr. John Collett, M.P.S., High Street, West Wickham, Kent. Mr. Collett passed the Minor examination of the Pharmaceutical Society in 1915.

MCGOLDRICK.—At the Mater Hospital, Dublin, on July 17, Miss Mary Rosaleen McGoldrick, M.P.S.I. Miss McGoldrick, who passed the Licence examination in 1932, was for some years in business at Wine Street, Sligo.

MUNTON.—Recently, Mr. James Boughton Munton, M.P.S., 54 Revelstoke Road, London, S.W.18. Mr. Munton passed the Minor examination in 1896.

ROY.—Suddenly, on July 24, at his home at Cuffley, Mr. C. S. Roy, Ph.D., F.I.C., A.M.I.E.E., a director of Thomas Morson & Son, Ltd., chemical manufacturers, Gray's Inn Road, London, W.C.1, aged fifty-seven. Dr. Roy entered the business in 1914, and on its conversion to a limited company a year later he joined the board of directors. He was chief chemist and technologist at the company's works at Ponders End, Middlesex.

RECENT WILLS

MR. SAMUEL SCHOFIELD NASH, St. Mary's Abbey Windermere, Westmorland, chemical merchant, of J. T. & H. Bythway, Ltd., Manchester, who died on December 22, 1941, left £47,401, with net personalty £33,169.

MR. LEONARD GEORGE DUTTON, 78 College Road, Cheshunt, Herts, a partner in Leonard Dutton & Sons, cork importers, 110–12 Hackney Road, London, E.2, who died on May 4, left £8,727, with net personalty £8,697.

MR. ALPHONSE SHARP, C.B.E., J.P., Holmwood, Halifax, Yorks (A. Sharp & Co., Ltd., chemical and colour manufacturers), who died on March 28, left £35,371, with net personalty £34,234.

MR. WALTER HENRY PEAKE, M.P.S., Deepdene, Headland Avenue, Seaford, Sussex, and formerly of 20 The Green, Twickenham, Middlesex, who died on March 27 last, left £16,416, with net personalty £11,574.

TIN-OX TABLETS

Retail—1/4½ size
1/11 size, 3/- size
Trade—
10/- doz. bots., 13/6 doz. bots., 20/- doz. bots.
Including Purchase Tax

John Bell BRAND

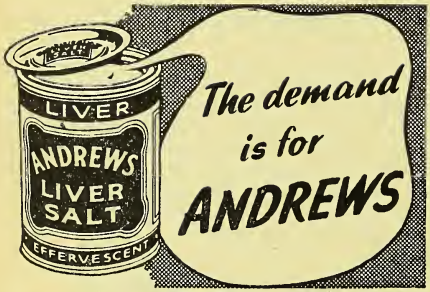
JOHN BELL HILLS & LUCAS LTD
OXFORD WORKS, WORSLEY BRIDGE ROAD, S.E. 26

BURROUGH'S
S. V. R.
Write for Prices: JAMES BURROUGH Ltd.
I Cale Distillery, Lambeth, S.E.11

OLEUM VITAMINATUM
B.P. 2nd. Addendum
H. R. NAPP LIMITED
3 & 4, Clements Inn, London, W.C.2.

STABILISED CHLORAMINE GERMICIDE
DYGERMA
Bottles 1/6 and 2/6, Gallons 15/-, Tax Extra
Stocked by Principal Wholesalers
MATTHEW'S LABORATORIES, LTD., CLIFTON, BRISTOL, 8

ALWAYS IN GREAT DEMAND
Small Size 8d. *Tax included (1 coupon)*
DERBAC DISINFESTANT SOAP
Large Size 1/3 *Tax included (2 coupons)*
THE PERFECT HEAD AND BODY CLEANSER
PURE PRODUCTS LTD. COLWICK NOTTINGHAM



ZINC
AND
MAGNESIUM
STEARATES
For Cosmetic Purposes

Made by
A. BOAKE, ROBERTS & Co., LTD
ABRAC WORKS, LONDON, E.15
Telephone: Buckhurst 1133 (6 lines)
Telegrams: Boake, Phone, London

MENOPAX
A Compound Oestrogenic Sedative for Women in the Forties
The most up-to-date specialist's treatment for conditions of the Climacteric and Menopause. Prescribed by doctors. Menopax is unrestricted. Regularly advertised in the National and Provincial newspapers.
Retail prices 2/10, 5/7½ and 11/3 (including Purchase Tax).
Obtain "Smalls" through your Wholesaler. For best direct terms apply:
Sole Distributors:
SCOTT & BOWNE LTD.
Wexham Springs, Stoke Poges, Slough, Bucks

WILCOX, JOZEAU
WHITE LION ST. LONDON, N.1
FOREIGN PROPRIETARIES
NOW MADE IN ENGLAND
TELEPHONES: TERMINUS 3088

Meet the need for 'Something more persuasive'
MEDILAX BRAND *Laxative Pellets*

THE
CHEMIST AND DRUGGIST
ESTABLISHED 1859
RETAILER — WHOLESALER — MANUFACTURER
rculates throughout the Pharmaceutical, emical, Drug, Essential Oil, Perfumery, smetic, Toilet Preparation and allied ades and Industries in Great Britain, Eire, e British Empire, and foreign countries
ficial organ of The Pharmaceutical Society of land, The Pharmaceutical Society of Northern land, The Chemists' and Druggists' Society of land and of other Chemists' Societies in the Empire
OL. CXXXVIII AUGUST 1, 1942 NO. 3260

he fact that goods made of raw materials short supply owing to war conditions are lvertised in this paper or described in its itorial columns should not be taken as an dication that they are necessarily available r export.

Putting Pharmacognosy on the Map

was a great pity the chairman's address the annual meeting of the British Pharaceutical Conference could not be given efore an audience comparable with those pre-war years. Nevertheless its influence the trend of pharmacy is likely to equal not exceed the most outstanding of the ast. In discussing the historical side of is subject Mr. Wallis pointed out that harmacognosy, or, as it was then known, ateria medica, became a separate study this country at approximately the same me as the Pharmaceutical Society of Great ritain was founded, and from then until ecent times striking advances in knowledge f the subject have been brought about nder the ægis of the Council of the Society administering scholarships provided by ritish pharmacists, and by the provision f research laboratories. The value of the esults obtained and their industrial applieation is not generally appreciated, so that placing such matters on record Mr. Vallis has rendered good service to harmacy.

It is evident that the chairman is of the pinion that at the present time pharmacogosy is on the threshold of developments which may eventually result in greatly increased and probably unexpected penetration into fundamental aspects of biology.

Future of Pharmacognosy

He went on to point out that while the Pharmaceutical Society of Great Britain had done so much to maintain British pharmacognosy in the van of progress it has of late lost something of its early enthusiasm for certain aspects of the work. Such a statement from so eminent an authority merits serious attention and it may be assumed that Mr. Wallis bases his statement on more than the dispersal for the time being of the "unique collection of type specimens of drugs" belonging to the Society's museum. No doubt the Planning Committee of the Council will take cognisance of Mr. Wallis's suggestions in the course of their deliberations. If pharmacognosy fails to achieve its rightful place in pharmacy in this country, the fault cannot be laid at the door of the British Pharmaceutical Conference as, during the three-quarters of a century of its proceedings there have been papers by all the leading authorities on the subject in this country. Whether the Council will decide to re-instal the specimens in their former home is a matter for serious consideration and the pros seem to be fairly well balanced by the cons. Perhaps a *via media* can be found which will meet the needs of those "importers, wholesalers and compilers of legal or presumptive standards" who wish to consult them.

Representation on B.P. Commission

Another important matter to which Mr. Wallis rightly calls attention is that while there are three chemists on the Pharmacopœia Commission there is no pharmacologist, yet several official drugs are represented by standardised powders. Further, a number of crude drugs are also mentioned incidentally as being the sources of constituents cantharidin, cocaine and menthol, which are derived from them. On these grounds and in view of the many developments referred to by Mr, Wallis there appears to be an urgent need for pharmacognosy to be represented on the Commission.

First-aid Outfits

RECENTLY we had to deal with the question of whether first-aid outfits were affected by Section 11 of the Pharmacy and Medicines Act, 1941. In the first place there can be no doubt that the title of these outfits brings them within the scope of Section 11 (1) (*a*) and that they are, by their description, "recommended medicines." The point to note, however, is that this section requiring the disclosure of formula lays down that "if the article is sold or supplied as aforesaid in more than one container [the formula must be disclosed] on the inner container or a label affixed thereto."

Except in the cases of standard dressings of the B.P.C. which are usually supplied in sealed packages bearing the B.P.C. title, each individual article should bear details of its formula as laid down in Section 11 (1) (i) and (ii). It will not be sufficient to print such particulars on the "Instructions and Contents" labels which are usually placed on the inside of the lids of first aid boxes; the formulas should be given on the container, wrapper or label of each article. In this connexion, although the definition of "substances recommended as medicines" is one of a very wide character, it would, it is considered, be stretching the interpretation beyond reasonable limits to include such items as metal instruments, wooden splints, tourniquets, and similar first-aid appliances. But the formulas of all substances such as lotions, burn dressings, medicines, antiseptics, powders, ointments and similar products which come within the scope of "a substance recommended as a medicine" need to be disclosed on each individual pack in the first-aid outfit. It is appreciated that stocks of these goods already issued may not be in strict conformity with the requirements, but future supplies from the manufacturers should comply with the Act.

U.S. Pharmacy and the War

THE situation in United States pharmacy resulting from that country's entry into the war was discussed recently in the "Journal of the American Pharmaceutical Association." The Assistant to the Surgeon General of the U.S. Army has stated that an Army of 3,600,000 (the size of the army now being built up in the Unit States) will require approximately 5,o men to provide the pharmaceutical servic This number will, so far as possible, consi of pharmacists conscripted under t Selective Service and Training Act or w volunteer. The balance will be made up t technicians trained in the Army technic schools. The problem is to obtain t required pharmacists with as little di ruption to civilian pharmaceutical servi as possible. Pharmacy in the Unit States, even more than in Britain, suffe from maldistribution. In cities there m be one pharmacy for each 1,500 peopl in rural areas there may be only one pha macy for each 3,500. To compensate f pharmacists lost to civilian life, it m become necessary to decrease the numb of hours that pharmacies are open. Son pharmacies have already adopted earli closing hours. In some localities pharmaci may have to share the services of a pha macist, and it may be necessary to empl non-pharmaceutically trained individua to a greater extent.

Scots Wha Hae Nae

FOUR hips indigenous North of t Border have been placed at the head, terms of Vitamin C content, of seve hundred rose varieties examined by group of Russian investigators. O Scottish variety—*Rosa mollis*—was actual over five times as rich in the vitamin black currants, which were formerly r garded as its richest natural source (a themselves ten times as rich as orange Many Scots have held privately the vie that the Sassenach is a scurvy knave, a on the basis of these recent discoveri there would appear to be a modicum scientific foundation for the belief. B Englishmen may be justifiably surprised discover that the Scots are—at lea potentially—so pre-eminently unscorbut

True, there was something of an ou cry last autumn, as reported at the tim that Scottish chemists were being ove looked in the distribution of National ros hip syrup. But this belated demand hardly to be regarded as a spontaneo expression of the Caledonian tradition self-help. This year, of course, the matt is in their own hands. In the race for ra materials for the syrup the inhabitants Scotland may cheer themselves with t knowledge that Nature, the great hand capper, has given them a long start ov the English.

DEBATE ON SMALL TRADERS' WELFARE

THE position of retail non-food traders now and after the war was debated in the House of Commons on July 24, when the House went into Committee on the Board of Trade vote.

Statistical Details

MR. HUGH DALTON (President of the Board of Trade) said that one of the reasons why the problem was so difficult was the lack of reliable information. Before the war no proper census of distribution had ever been taken, but a great deal was now known in broad outline. The volume of turnover had fallen substantially since before the war and must fall further in the period ahead, as a result of diminution of the total available civilian supplies. On the other hand, in the year ended May 31, 1941, the total value of non-food retail sales, including purchase tax, was 6 per cent. above pre-war level. In the following year, ended May 31, 1942, it was still 1 per cent. up. An interesting figure was the sharp drop in number of bankruptcies in the non-food retail trade as compared with pre-war. In 1941 there were only 161 bankruptcies in that section against 1,280 in 1938. Chemists, tobacconists, and booksellers were all keeping up a fairly high level of trade. On the other hand, wide differences existed between the state of retail trade in different areas of the country. Broadly speaking, in Scotland and in the north of England retailers since the war had done far better relatively to pre-war years than they had done in the south of England, particularly in London and the south-east. Figures showed that depression in the retail trade was not at all smoothly spread and was not at all universal. Departmental stores had lost 25 per cent. of their space and over 30 per cent. of their staff, co-operative societies had lost about 5 per cent. of their space and 15 per cent. of their staff, multiple shops had lost 11 per cent. of their branches and 22 per cent. of their staff, and chain stores had lost 4 per cent. of their branches and 26 per cent. of their staff. The moral of the figures was that, relatively speaking, small shops had lost ground very heavily. For instance, the very large shops had increased in number by 4 per cent. and larger shops by 4 per cent. in this time of stress and diminished supplies. Medium shops had increased by 3 per cent., medium small shops had diminished by 5 per cent., small shops had diminished by 11 per cent., and very small shops had declined 19 per cent.

Government's Aim

Faced with this situation, what must the object of the Government be? In the first place, sufficient retail outlets must be provided for the public, and needless shopping difficulties must be avoided. In the second place he, as President of the Board of Trade, must help to meet the demands of the Ministry of Labour, on behalf of the supply and service departments, for even more mobile workers. Most of the men from the retail non-food shops had already been taken, and the main problem was chiefly that of the younger women; and it had been suggested that most of the available mobile labour now left was in the large and not in the small shops. Moreover, the premises of the large shops were more useful for other war purposes than the small shops. Thirdly, the costs of distribution per unit must be kept as low as possible. Fourthly, needless hardship must be avoided, and it must be borne in mind that beyond a certain point the small trader was no longer able, as the large trader was, to restrict the scale of his activities, and they must cease altogether. The scheme recommended by the Retail Trade Committee in their third report (see *C. & D.*, July 4, p. 9) was intended to facilitate voluntary withdrawal during the emergency, and not as a planned concentration imposed from the outside. He had decided, before forming any firm conclusions on the report, to get the views of interested parties, and it was no use disguising the fact that the prevailing opinion among those he had consulted was definitely hostile to the proposals. In view of the minority report, it was not surprising to find that the co-operative movement was opposed to the suggested scheme, but on the other hand the trade union representatives of the distributive and allied workers and of the shop assistants were on the whole in favour.

Divided Reception

The National Chamber of Trade was critical, considering that the real problem was not how to facilitate withdrawal but how to keep the small trader in business, and that the larger shops were getting a disproportionate share of available supplies and were being too generously treated in the matter of labour. Neither the Retail Distributors' Association, which spoke for the department stores, nor the Multiple Shops Federation considered that it afforded

a satisfactory solution. The views of the Association of British Chambers of Commerce were divided, but were on the whole opposed to the scheme. The National Pharmaceutical Union and the Company Chemists' Association were firmly opposed and bitterly hostile. The chemists contended that they were a specially qualified body performing an important public service.

MRS. TATE: Did they mention that they were the only prosperous branch of the small retail traders and did not wish to contribute themselves?

MR. DALTON: They did not put it like that.

MRS. TATE: That is what they meant.

MR. DALTON went on that a survey of opinion revealed a formidable array of opposition which the Government must take into account, but he gave an assurance that the Government would consider the report most carefully, as well as any observations made on the subject in the debate. He was going into a number of technical points, including the proposal that the levy should be classed as a business expense for trading purposes. There would be no difficulty about treating it as an expense for taxation purposes, but to treat it as an expense for the purpose of fixing prices would be more difficult, for the Government attached great importance to keeping the cost of living figure as low as was reasonably possible. The Committee's proposal that conciliation machinery should be established to assist the withdrawing trader who could not meet his obligations had not met with so much criticism, and it would be worth while to study whether some of the fixed charges inherited from peace-time could not in some way be equitably alleviated without any suggestion of bankruptcy or insolvency.

Public Support Needed

The suggestion that the small trader was not getting his fair share of available supplies must also be investigated, and he had asked for as much evidence as could be furnished on that point. It might be that the small traders were unduly optimistic about their ability to see the war through without taking advantage of the facilities suggested in the report. He would like to take action on the question of the retail trade soon, but he must be sure that the action he proposed was in the right direction and that it had the support of a substantial section of those affected. He did not share the view that it was practicable in war-time—and probably it was not at any time desirable—to carry out thoroughgoing rationalisation of the reta trade so that there was nothing left bu multiple shops and chain stores. He di not want that to happen and, generall speaking, it was not the desire of th country. The independent shopkeeper ha his own contribution to make.

MR. MANDER believed that a man called u compulsorily for the Forces so that he los his business ought to have full compen sation, and it ought to be retrospectiv from the time he had to go. In the othe case of a man whose business was close mainly because of restriction of supplie it seemed to him, also, that too much c the proposed compensation went to th landlord. He suggested there were fou tests which ought to be applied to an question of closing shops. First, what wer the needs of the shopping public? Th needs of the workers were best met b having a number of small shops scattere throughout different parts of an industria area rather than that the public shoul have to go to a large shop in the centre c the area. Second, there was the suitabilit of the staff for war work. Again, in smal shops, owing to domestic problems and th age and health of the people employed, the were much less suitable for war work tha those in larger shops. Third, there was th suitability of the premises for war work Again, small shops were not suitable whereas larger premises were suitable fo setting up offices and things of that kind Fourth, there was the question of com parative hardship. The small trader los everything, whereas the larger shop wa in a position to carry on on a smaller scale Looking at these four fundamental points they were driven to the conclusion tha small traders ought to be specially consid ered, and opportunities given to then rather than the large trader to remain i business. They ought to appreciate tha the position was quite different from tha involved in the concentration of industries Where there was concentrated industry nucleus firms were called upon to mak some contribution for compensation fo those that had closed and they were abl to do it because the Government floode them with orders. They were in a positio to work full time, whereas the contributio of the Government towards many shops wa to restrict their supplies. It was a cas where State funds ought to be made avail able for the purposes of compensation.

(To be concluded)

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

Examination Results

HE following are the results of the Pharmaeutical Society's examinations held in une-July :—

Examination	Entered	Absent	Failed	Referred	Passed
NTERMEDIATE					
(a) Whole examination	196	2	73	51	70
(b) Referred subject ..	35	1	—	18	16
HEMIST AND DRUGGIST QUALIFYING:					
(a) Whole examination	209	2	64	50	93
(b) Referred subject ..	14	—	—	12	2

Rejected candidates are analysed in the ollowing summary :—

Subject	Entered	Absent	Referred	Failed
Biology (botany and zoology)	216 } 221	2 } 2	39 } 40	65 } 67
Botany (botany section only) ..	5	0	1	2
Chemistry	205	3	5	45
Physics	200	2	24	24
Pharmacognosy ..	209	2	3	32
Pharmaceutics ..	213	2	19	49
Physiology	210	2	9	47
Pharmaceutical chemistry	216	2	22	54
Forensic pharmacy	212	2	9	31

The following candidates passed in the Chemist and Druggist Qualifying examination :—

Allerhand, Golde, Golders Green
Allsopp, R., Bloxwich
Arnold, A. C., Morden
Ashworth, F., Chorley
Ayton, R. F., Watford
Barnacle, T. W., Rugby
Barnard, P. P. J., Weybridge
Barnett, M. W., Coventry
Bawden, A. R., Torquay
Beney, W. J., Greenford
Brindle, B., Chorley
Britten, Patricia E. M., Torquay
Brown, Ellen B., Southampton
Burrows, Hilda M., West Bridgford
Caine, D., Douglas
Carter, E. W., Southsea
Carter, N. T., Leominster
Cholerton, B., Derby
Cohen, S. H., Cardiff
Constable, B. F., Croydon
Cook, R. G. H., Cromer
Crombie, W. D., Crawley
Croskell, S., Lincoln
Cunnington, Muriel, Barnet
Davies, Helen M., Swansea
Davies, W., Heswall
Dibnah, Estelle P., Hornsea
Driver, D. A., Willingborough
Fletcher, P., Widnes
Franks, R., Rode
Gardiner, J. F., Bristol
Graddol, G. M., Llanelly
Harris, T., Southport
Hart, N., Wigan
Hartley, J. W., Cardiff
Herrick, F. T., Leicester
Hill, G. H. H., Swindon
Hill, N., Wigan
Hodge, W. J., Teignmouth
Holmes, G. C., Brandon
House, M. F., Exmouth
Illingworth, J., Colne
James, P. R., Garnant
John, G., Clynderwen
Johnson, Hilda B., Cambridge
Jones, D. J., Aberystwyth
Jones, E. W., Bethesda
Jones, T. B. K., Brynmawr
Kirk, W. F., Sittingbourne
Kirkham, H. P., Fleetwood
Knight, E., Carrington
Krause, R., Long Eaton
Laxton, W. J. F., Tottenham
Maddock, O. A., Richmond
Mercer, G., Blackburn
Minter, L. G., Colchester
Mitchell-Dawson, Jean, Romford
Monks, Gertrude M., Braunstone
Moore, Gwendoline L., Hatfield
Morgan, D. H. M., St. Leonards
Olphin, N. R., Leicester
Perks, F., Walsall
Powell, W. J., Brecon
Preston, J., Bury
Quayle, Violet M., Brighton
Ridgway, D. M., Scunthorpe
Rigby, Dorothea E., Norwich
Rigby, J. G., Preston
Roberts, D. W., Wolverton
Saker, H., Norwich
Scarr, D., Derby
Seabridge, Kathleen M., Stoke-on-Trent

Searson, G., Codnor
Shinner, J. E., Totnes
Smallwood, Rosemary, Newport
Smethurst, Jean, Bolton
Smith, A. G., Leamington Spa
Smith, G. K., Derby
Smith, J. H. W., Colchester
Spalton, L. M., Douglas
Stanger, W. R., Spalding
Stanley, F. H., Glastonbury
Straw, P. G., W. Hallam
Swales, E., Oldham
Tannahill, T. M., Ilkeston
Taylor, D. V., Swansea
Taylor, H., Cannock
Thomas, B. I., Cardigan
Thorne, K. E., Bridgwater
Turner, A. E., Doncaster
Warby, H. F., Minehead
Wilkinson, W. F., Torquay
Williamson, R. J., Newhaven
Winter, Hester M., Bury St. Edmunds
Winterbottom, K., Congleton

North British Branch Executive Meeting

A MEETING of the Executive of the North British Branch of the Pharmaceutical Society was held in Edinburgh on July 8, Mr. W. F. Hay in the chair. Messrs. Anderson, Arthur, Bennett, Culbert, Guthrie, Harley, Hay, Henry, Innes, Jack, Mackenzie, Mair, Miller, Murray, Ritchie, Sutherland and Walker were present.

Officers and Committee

It was agreed that Messrs. William Fowlie Hay and James Innes should be re-elected *Chairman and Vice-chairman* of the executive. The following *Committees* were appointed: *General Purposes:* The chairman, vice-chairman, and Messrs. Arthur, Beattie, Guthrie, Harley, Henry, Jack, Mair, Miller and Sutherland. *Nomination of Examiners:* The chairman, vice-chairman and Messrs. Arthur, Guthrie and Jack. *Education:* The chairman, vice-chairman, and Messrs. Anderson, Arthur, Bennett, Culbert, Guthrie, Harley, Jack, Mackenzie, Mair, Milne, and Ritchie. *Parliamentary:* The chairman, vice-chairman, and Messrs. Arthur, Bennett, Culbert, Guthrie, Harley, Jack, Milne, Murray and Walker. *Centenary Building Fund:* The chairman, vice-chairman, and Messrs. Bennett, Guthrie, Harley and Milne, and the Scottish Member of Council. *Post-war Hospital Services Scheme:* The chairman and Messrs. Anderson, Beattie, and Miller. Co-opted, Dr. McCall and Messrs. Drummond, Home, Perrins and Taylor.

Report of Committee of Inquiry

It was agreed to appoint a small su committee to deal with the Report of t Committee of Inquiry. The following we appointed: The chairman, vice-chairma and Messrs. Anderson, Culbert and Harle It was also decided to ask Mr. Weir become a member, and that, shou Mr. Weir not see his way to accept t appointment, the committee should ha power to co-opt some other person. M Guthrie agreed to act in an adviso capacity and to attend any meetings specially asked. The executive agreed th this procedure should be followed.

Evening Meetings

DR. TAIT reported that, as instructed a previous meeting, he had sent a letter congratulation to Professor Gaddum his appointment to the chair of Mater Medica and Pharmacology, Edinbur University, and a letter inviting him open the winter session of scientific meetin Arrangements for other meetings were al being made.

Benevolent and War Aid Funds

THE CHAIRMAN pointed out that Scotti contributions were in excess of the amoun being paid out, which was a healthy sig MR. JACK stated that the explanation of rise in contributions was that a note on t Benevolent Fund had been included in t demand notice for registration fees. H said it was the intention of the Council draw attention to the War Aid Fund in t same way. The appeal to members of t Society for funds with which to purchase mobile *x*-ray unit for use in Russia ha been highly successful.

It was decided that the chairman ar resident secretary should attend the Briti Pharmaceutical Conference on July 22 represent the North British Executive.

National Health Insurance

MR. BENNETT summarised recent neg tiations with the Department of Health; h said they had succeeded in getting a increase of one penny per script, to cov war costs, it being clearly understood th the claim for an increased fee would b brought up after the war.

It was agreed to send a letter of co gratulation to Mr. Deacon on his receivi an honorary degree at the University Bristol.

"**Bale Out.**"—Save your paper, ever scrap, to beat the German and the Jap.

SAWDUST IN ABSORBENT DRESSINGS

TH the added merit of being true, the ount given by Fitzwilliams in the ritish Medical Journal" (July 25, p. 105) how he and his fellow workers used vdust as a filling for surgical dressings Rumania during the war of 1914–18 kes a romantic story. "I can vouch for fact that we came to regard these ssings as almost ideal for their simplicity l effectiveness," writes the author, "and only relinquished them with regret." e main points of the story are given the following extracts:—

nding the Materials

"My brother and I managed a hospital 100 beds in Rumania during the last war many months without any dressings all except sawdust, and a better dressing uld not be asked for. We had no surgical uipment except our pocket surgical cases d the 'housewife' of the matron. The ops throughout Rumania were supposed be completely denuded of material of ery kind, but it was found that material uld be produced when it was learned that belonged to the British Red Cross. hrough an accommodating person we ought all the linen, gauze, and muslin e wanted, and smuggled it into the nbulance. Next a meeting of lady olunteers was called, and their help and eir sewing-machines were asked for. hey had nothing: we had even to supply e thread; but they were set to work make linen or muslin bags of different zes. The material was torn into various ngths and widths and then folded over that only three sides needed sewing. oarse black thread was used because it owed up against the white material. ne-quarter of the last side was left unsewn nd open. We arranged for cartloads of awdust to be delivered from the saw mills, nd dumped on clean sheets laid on the oor of a previously-cleaned shed. It was hen put through a large sieve, which emoved all the coarse pieces of wood mixed vith it. These were thrown away, and the emainder was sifted well through moderately fine sieves; this process was repeated wice so that all the fine dust was removed. The sawdust from these mills consists artly of real fine dust and the rest is rushed wood in the proportion (speaking rom memory) of about one of the former o three or four parts of the latter. It was mportant to remove as much dust as possible to prevent it getting into the wound, so this fine sieving was done very thoroughly twice. What was left was a coarse granular substance consisting of crushed wood pulp torn from the interior of the tree trunks by the great broad teeth of the circular and band saws. Considering its source I should imagine that the amount of septic organisms in it was very small.

Making the Dressings

This granular substance was put into the bags through a funnel, until the bag was between one-third and one-half full. The opening in the bag was then sewn up with thick coloured thread, usually red, in such a manner that when the bag had to be emptied, all we had to do was pull the knot at the beginning and the thread came out, thus restoring the opening. The bag was then shaken, turned inside out, washed and boiled, and used again. The bags varied from about 6 in. by 4 in. for small wounds to 12 in. by 10 in. for large ones, or those with much discharge like empyemata. Most of the wounds were horribly septic and discharged freely, and this coarse granular material proved to be highly absorbent. The sawdust swelled as it got wet, so that the pads were always larger when removed than when first applied; hence it was necessary that they should be only one-third to one-half full.

Attempts at Sterilisation

In our improvised hospital the bags were put in tins in the oven, and people were assured they were sterile. Whether this was true or not I do not know; they were never tested bacteriologically, but they were all we had. Layers of material, which had been sterilised by boiling, were first applied to the wounds, and then the bag of appropriate size was added, and the whole fastened in place with improvised bandages. There were no other dressings of any sort, but the hospital was filled to capacity."

Present Possibilities

The author, who gives credit for the idea to Dr. Charles Cathcart, Edinburgh, who wrote an article on possible uses of sawdust in surgery before the last war, suggests that sawdust should be used today in place of cotton-wool in absorbent dressings. Cotton-wool requires shipping space while sawdust is so plentiful that a broadcast appeal was recently made for suggested uses.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represen the prices for wholesale quantities of standard quality. C.i.f. quotations do not incluc marine war risk insurance and other abnormal charges payable in the present emergenc

28 Essex Street, W.C.2, July 29

BUSINESS in the London drug and chemical markets continues on a very limited scale, due partly to the usual seasonal lull and in some measure to poor supplies of a number of products. On the whole prices are firmly maintained, and there are no signs of any substantial reductions. The most important price movements in PHARMACEUTICAL CHEMICALS during the week under review were in SALICYLATES. Makers of ASPIRIN, ASPIRIN TABLETS, SALICYLIC ACID and SODIUM SALICYLATE have announced small advances in their prices. British-made SALICYLATES, as previously pointed out in the *C. & D.* (January 17, p. 83), have shown a high degree of price stability since the beginning of the war. At the present small increase, which is due to higher costs of production, prices still compare favourably with those ruling before the war.

Crude Drugs

The most important development in this section during the week is the issue by the Ministry of Supply of a new Order fixing prices for MERCURY sold by that Department at levels considerably in excess of those previously ruling. The Order—the Control of Mercury (No. 9) Order, 1942 (S. R. & O., 1942, No. 1434)—came into operation on July 28. General business in crude drugs has been more or less confined to the filling of small routine orders from the home consuming trades. Prices are firm and few fluctuations have occurred. Only a small business is reported in AGAR. Curaçao ALOES is still offered for shipment. BALSAMS are in fair inquiry, but supplies are restricted. Demand for CARDAMOMS is negligible. There are some reports of forward business in Canadian CASCARA SAGRADA; Lease-lend material is still being distributed. CHILLIES are rather easier on the week. CLOVES are one halfpenny cheaper. ERGOT is firmer, with shipment prices back again at the levels ruling before the recent sharp decline; new-crop is reported to be short. Official maximum prices have not yet been fixed for GINGER. The cheaper spot parcels of Matto Grosso IPECACUANHA seem to have been cleared. MENTHOL is quiet but firm. PIMENTO is steady at the lower value noted last week.

Essential Oils

Conditions in these markets have agai been quiet, with prices steady at about th levels noted last week. Supplies of ANIS (STAR) are becoming much more difficu to locate, and prices are tending deare BAY is steady at the higher figure note last week. CAJUPUT is firm and unchange A few odd drums of WHITE CAMPHOR ma still be had from second hands. Prices c EUCALYPTUS are firm, with supplies re tricted. PEPPERMINT is short, with som Chinese selling at high rates.

Exchange Rates on London

The following were Bank of England fixe rates at the opening on July 29: New York 4·03 dollars; Montreal, 4·45 dollars; Nether lands West Indies, 7·60 florins; Zurich, 17·3 francs; Lisbon, 100 escudos; Stockholm, 16·9 kroner; Buenos Aires, 17·02 paper pesos Among the free market rates the Chines national dollar is quoted at $3\frac{1}{32}$d., and th Madrid rates are 40·50 pesetas (official) an 46·55 (voluntary).

Pharmaceutical Chemicals

ACETANILIDE.—B.P.C. crystals are unchange at about 2s. 5d. per lb., and powder at on penny over this price.

ALLOBARBITONE.—Makers quote at aroun 60s. per lb.

AMPHETAMINE.—Makers' present quotatio remains at about 16os. per lb.

ASPIRIN.—Makers' prices have been advance by twopence per lb.:—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
From 1 lb. ..	4 3½	—	—	—	—
From 4 lb. ..	4 2½	4 0¾	—	—	—
From 7 lb. ..	4 1½	3 11¾	3 11¼	—	—
From 14 lb.	4 0½	3 10¾	3 10¼	3 10	—
From 28 lb.	3 11½	3 9¾	3 9¼	3 9	3 8½
1 cwt. ..	3 4½	3 2¾	3 2¼	3 2*	3 1½
5 cwt. ..	3 4	3 2¼	3 1¾	3 1½*	3 1
10 cwt. ..	3 3	3 1¼	3 0¾	3 0½*	3 0

* 8 × 14 lb. and upwards in one delivery, ½d. per lb. less. Sale subject to buyer's undertaking not to re-sell any quantity at prices or terms below scale for such quantity current at time re-sale is made, and, if powder is converted into tablets, not to sell any number at prices or terms below scale current at time of sale.

ASPIRIN TABLETS.—Makers' prices have been vanced by 1½d. per 1,000, as follows: Under 00, 3s. 5d.; 5,000, 3s. 3d.; 10,000, 3s. 2d.; ,000, 3s.; 50,000, 2s. 11d.; 100,000, 2s. 10d.; 0,000, 2s. 9½d.; 500,000, 2s. 9d.; 1,000,000, . 8d.; 2,000,000, 2s. 7d.

BENZOIC ACID.—Supplies are available for edical use at around 2s. 6d. to 3s. per lb., cording to quantity.

BENZYL BENZOATE.—For medicinal use only, out 4s. 6d. to 5s. per lb.

BISMUTH SALTS.—Details of makers' prices re given last week (p. 101).

BORAX.—The following are makers' prices r B.P. quality: Granulated, £39 10s. per ton; ystal, £40 10s.; and powder, £41; packed in e-cwt. bags, delivered carriage paid in Great itain, in one-ton lots and upwards. Comercial grades, £8 per ton less.

BORIC ACID.—Quoted by makers as follows: P., granulated, £60 15s.; crystal, £61 15s.; d powder, £62 15s.; packed in one-cwt. gs delivered carriage paid in Great Britain one-ton lots and upwards. Commercial ades, £8 per ton less.

BROMIDES.—Makers' prices are unchanged. r details, see *C. & D.*, July 18, p. 74.

COCAINE.—British makers' current wholesale ices are as follows: HYDROCHLORIDE and TRATE, 25 oz. and over, 35s. 8d.; 16 oz. and s than 25 oz., 36s. 10d.; over 8 oz. and less an 16 oz., 38s. per oz. ALKALOID, CITRATE, d SALICYLATE, 25 oz. and over, 39s. 1d.; oz. and less than 25 oz., 40s. 4d.; over 8 oz. d less than 16 oz., 41s. 7d. per oz., 16-oz. ckages free, smaller packing extra. The scale prices applicable to distributors of smaller antities is as follows: HYDROCHLORIDE and TRATE, 8 oz., 40s.; 4 oz. and less than 7 oz., s. 7d.; 2 oz. and less than 4 oz., 41s. 6d.; oz. and less than 2 oz., 42s. 7d.; ½ oz. and s than 1 oz., 44s. 2d.; ¼ oz. and less than z., 47s. 3d. per oz. ALKALOID, CITRATE and LICYLATE, 8 oz., 43s. 5d.; 4 oz., and less than oz., 44s.; 2 oz. and less than 4 oz., 44s. 11d.; oz. and less than 2 oz., 46s. 2d.; ½ oz. and less an 1 oz., 47s. 9d.; ¼ oz. and less than ½ oz., s. 10d. per oz., packages extra. Re-sale: les are subject to buyers' undertaking not to -sell any quantity below scale current at time re-sale. Export prices vary according to stination.

GLYCERIN.—The following are the prices ven for small supplies: 1-cwt. drum, 86s. r cwt.; 56-lb. tin, 94s.; 28-lb. tin, 97s.; -lb. tin, 100s. per cwt. All prices are subject discount of 2½ per cent. for cash in twenty-ght days.

GUAIACOLS.—Any available supplies of CARONATE and CRYSTALS would be at about s. per lb.

HEXAMINE.—About 2s. 3d. per lb. would be anted for cwt. lots of free-running crystals, d a few pence less for the fine grade.

PHENOLPHTHALEIN.—Makers quote as follows: Less than 7 lb., 4s. 3d. per lb.; 7 lb., 4s. 2d.; 14 lb., 4s. 1d.; 28 lb., 4s.; 1 cwt. 3s. 11d.

PILOCARPINE.—The following are makers' prices per oz.: BASE.—1 oz., 27s.; 4 oz., 26s. 6d.; 25 oz., 26s. HYDROCHLORIDE.—1 oz., 21s. 3d.; 4 oz., 20s. 9d.; 25 oz., 20s. 3d. NITRATE.—1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

POTASSIUM PERMANGANATE.—Details of makers' current prices were given last week (p. 102).

SANTONIN.—Home trade prices are unchanged, as follows: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the United Kingdom; 1-kilo packages free.

SODIUM SALICYLATE.—Makers' prices have been advanced by 1½d. per lb.:—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb.	3 3	—	—	—	—
From 4 lb. . .	3 2	3 0¼	—	—	—
From 7 lb. . .	3 1	2 11¼	2 10¾	—	—
From 14 lb.	3 0	2 10¼	2 9¾	2 9½	—
From 28 lb.	2 11	2 9¼	2 8¾	2 8½	2 8
From 1 cwt.	2 6	2 4¼	2 3¾	2 3½*	2 3
From 5 cwt.	2 5½	2 3¾	2 3¼	2 3*	2 2½
1 ton	2 5	2 3¼	2 2¾	2 2½*	2 2

* 8×14 lb. and upwards, in one delivery, ½d. per lb. less. Prices include parcels or collapsible cartons; other packages charged extra. Prices subject to buyer's undertaking not to re-sell any quantities at prices or terms below scale current at time of re-sale.

STRYCHNINE SALTS.—Prices were recently advanced. For details see *C. & D.*, July 18, p. 74.

TANNIC ACID.—Firm but without quotable change at from 7s. 6d. to 8s. per lb. Supplies are restricted.

VANILLIN.—Makers' prices are steady, as follows: Ex clove oil or guaiacol, five cwt., 22s. 6d. per lb.; one cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d., carriage paid in U.K. Tins in cases returnable.

Crude Drugs

ACONITE ROOT.—Unquoted; no supplies in first hands.

AGAR.—Business is of a routine character, with odd lots of Kobe No. 1 selling at the price recorded last week.

ALOES.—Quiet business on spot, with not much Cape available under about 65s. per cwt. Curaçao is still offered afloat at between 39os. and 45os. per cwt., c.i.f., according to seller.

ANTIMONY.—No changes have occurred during the week. Supplies are available only for essential purposes and at the following prices: English minimum 99 per cent. regulus, £120 per ton delivered; 70 per cent. crude, £100 per ton, delivered.

ARECA NUT.—Supplies are extremely difficult to find.

BALSAMS.—In some inquiry; supplies short. *Tolu*, about 9s. 6d. per lb.; *Canada*, about 8s. 6d. per lb.; *Peru*, 7s. 9d. per lb.; spot stocks of *Copaiba*, B.P., are exhausted.

BELLADONNA.—Any available spot supplies of root would be worth from 4s. 9d. to 5s. per lb.

BENZOIN.—Routine spot business is passing at between £15 and £17 per cwt., according to seller. Free almondy, spot, about £30 per cwt.; supplies are restricted.

BISMUTH METAL.—Price remains at 6s. 3d. per lb. for minimum 5-cwt. lots of high-grade metal.

BUCHU.—Firm, with spot quoted at around 6s. to 6s. 3d. per lb., according to quality.

CALUMBA ROOT.—Good washed root would fetch around 190s. per cwt., but spot supplies are restricted.

CAMPHOR.—Small sales are still being made to approved buyers at about the following prices: Chinese, B.P., 11s. 6d. per lb.; crude (92 per cent.), 10s. per lb.; Japanese slabs, about 11s. 6d. per lb.

CANTHARIDES.—First-hand supplies are exhausted, and there are no quotations.

CARDAMOMS.—Extremely quiet and without quotable change: Aleppy greens, spot, about 5s. 6d. to 5s. 9d. per lb.; shipment, 5s. 1d., c.i.f. Aleppy seed, spot, sbout 5s. 9d.; shipment, 5s. 3d., c.i.f. Split seed, spot, about 4s. 9d.

CASCARA SAGRADA.—Fixed price for bark imported under the Lease-Lend arrangement is 150s. per cwt., ex store. There are reports of business in Canadian bark for shipment at about 170s. to 185s. per cwt., c.i.f.

CHILLIES.—Rather easier. It may be possible to buy Mombasa on spot at about 145s. per cwt.

CLOVES.—Quiet. Zanzibar is one halfpenny lower on spot at 1s. 7d. per lb., sellers; grade 2, afloat, 1s. 3d. per lb., c.i.f. Madagascar, unquoted.

COCOA BUTTER.—The maximum price fixed by Order is 1s. 5½d. per lb., ex factory or warehouse, except for supplies sold under licence.

COCONUT (DESICCATED).—The maximum price fixed by the Ministry of Food is unchanged at 49s. per cwt.

COLCHICUM.—Indian corms on spot would be worth about 3s. per lb.; seeds are not available.

DANDELION ROOT.—Little is being sold, and the spot price would be in the region of 140s. per cwt.

DERRIS ROOT.—Unchanged, with all sales controlled.

DIGITALIS LEAVES.—Forward price for Portuguese would be in the region of 115s. per cwt., c.i.f. Spot, about 135s.

DRAGON'S BLOOD.—Fair re-boiled is extremely scarce. Spot price is nominal at £42 per cwt.

ERGOT.—Rather firmer, with new-crop re ported to be short. After the low price recentl quoted shipment is back again to about 5s. 9d per lb., c.i.f. Spot, from 6s. to 6s. 3d. per lb according to seller and quality.

GINGER.—Quotations are nominal pendin the fixing of maximum prices. West Africa spot, 185s. per cwt.; Cochin, unwashed, spo about 182s. 6d.; ground, 225s.; Jamaica No. spot, 230s.

GRAINS OF PARADISE.—About 1s. 10d. pe lb. would be the present spot price of any sma available supplies.

GUM ACACIA.—Quiet. Kordofan cleane sorts, spot, restricted, lower at about 165s. pe cwt.; unrestricted, approximately 230s. pe cwt.; shipment, nominal at 72s. 6d., c.i.f.

HONEY.—Price schedules for first-hand an wholesale transactions were given in the *C. & D* May 9, p. 527.

IPECACUANHA.—The cheaper spot parce of Matto Grosso seem to have been cleare Spot price is now in the region of 17s. 3d. pe lb., and shipment, around 16s. 3d. per lb., c.i. Minas, spot, B.P., about 12s. 6d.; not quit B.P., 12s.; shipment, about 11s. 3d., c.i. Current prices for EXT. IPECAC. LIQ., in wir chester quarts, are: B.P., 1932, under thre 26s. per lb.; three and under six, 25s. 6d six and under twelve, 25s.; twelve and ove 24s. 6d. per lb. B.P., 1914, under three, 24 per lb.; three and under six, 23s. 6d.; six an under twelve, 23s.; twelve and over, 22s. 6 per lb., all prices net.

JABORANDI.—Demand is small. Single bal on spot are obtainable at about 67s. 6d. per l

JALAP.—Brazilian root containing abo 16·5 per cent. resin can be had on spot for abo 105s. to 110s. per cwt., as to quantity.

KAMALA.—Quoted on spot at approximate 2s. 3d. per lb.

LEPTANDRA ROOT.—The fixed price f Lease-Lend supplies is 1s. 10d. per lb., ex stor

LOBELIA HERB.—Users of Lease-Lend su plies are being asked to pay 2s. 8d. per lb ex store.

MENTHOL.—Quiet, but prices firm. Chines spot, from 72s. 6d. to 74s. per lb.; Japanes if available, about 75s. per lb. Supplies English synthetic B.P. are still available, thou stocks are becoming depleted.

MERCURY.—The Ministry of Supply a nounces that it will sell mercury until furth notice at £68 10s. per bottle ex warehouse the United Kingdom in lots of eleven bottl and over. As a result of this revision t Control of Mercury (No. 9) Order (S. R. & 1942, No. 1434) has been made, increasing t maximum resale prices of mercury. The Ord provides that the maximum price for quantiti of over one bottle but less than eleven bottles £69 15s. per bottle and for larger quantities £ per bottle. There are higher prices for lots under one bottle and for re-distilled grade The new Order came into force on July 2

structions for ascertaining maximum prices mercury are as follows:—

	"Commercially pure virgin mercury," i.e. mercury having the degree of purity with which it was sent out from the mines.
	per bottle
Packed in bottles of 76 lb. nominal capacity as received from the mine and not opened before delivery to the buyer. In quantities of:—	
11 bottles and over	£69 os. od.
1 bottle and over but less than 11 bottles.. ..	£69 15s. od.
	per lb.
Otherwise than as in A. In quantities of:—	
56 lb. or more	18s. 10d.
14 lb. and over but less than 56 lb.	18s. 11d.
Less than 14 lb.	19s. od.

Prices of mercury redistilled are certified by the seller having a degree of purity not less than B.P. are as llows: 56 lb. or more, 19s. 10d. per lb.; 14 lb. and over, t less than 56 lb., 19s. 11d.; less than 14 lb., 20s. ices of mercury of the description known as "A.R." d containing not less than 99·997 per cent. by weight metallic mercury are as follows: 56 lb. or more, s. 10d. per lb.; 14 lb. and over, but less than 56 lb., s. 11d.; less than 14 lb., 21s.

Myrrh.—Some Aden sorts is offered on spot t £16 per cwt.

Nutmegs.—Quiet, and without quotable ange. West Indian sound unassorted, spot, . per lb.; wormy and broken, 1s. 10d.; 80's, . 6d.; Eastern browns, 80's, 2s. 9d.

Nux vomica.—Ordinary routine spot business assing in washed and garbled Cochin at etween 40s. and 45s. per cwt.; shipment, ound 36s. to 37s. per cwt., c.i.f.

Orange peel.—Some quarters and sweet bbon are offering on spot at around 3s. 3d. er lb.

Papain.—Spot supplies are restricted, and e price is nominal at 17s. per lb.

Peppers.—The maximum price of unpicked hole black Lampong, as fixed by the Ministry f Food, is 5d. per lb., in bond; white Muntok, a similar condition, is 8d. per lb.

Pimento.—Steady at the slightly lower value oted last week; spot, 2s. 2½d. per lb., sellers; hipment, August, 150s. per cwt., c.i.f., nominal.

Podophyllum root.—*Emodi* is available at bout 67s. 6d. per cwt. for 15 per cent.

Psyllium seed.—Indian on the spot would e worth about 1s. 3d. per lb.

Quillaia bark.—In poor supply. Spot price f any remaining bark would be in the region f 140s. per cwt.

Rhubarb.—Fair interest shown; prices unhanged. Rough-round, spot, from 7s. 6d. to 7s. 9d. per lb.; slightly wormy, about 7s. 3d. per lb. Shensi, spot, from 9s. 6d. to 10s.

Seeds.—Business continues slow, without change in quotations. Aniseed.—No supplies are available, but replenishments are expected. Canary.—None available. Caraway.—No supplies are available. Coriander.—Indian, spot, none available at present; English, quoted at 220s. Cumin.—Malta, 165s., duty free; Indian, 165s. Dill.—Spot, quoted at 170s. Fennel.—Indian, business done on spot at 105s., duty free. Fenugreek.—Nothing available. Mustard.—English, 135s. to 145s., as to quality.

Senega.—Only small quantities may be available on spot for which about 7s. 6d. per lb. would be required.

Senna.—Good hand-picked Tinnevelly pods on spot would be worth about 1s. 3d. to 1s. 5d. per lb.; ordinary hand-picked, about 1s. 1d. to 1s. 2d.; f.a.q., 9d. to 10d. Alexandrian pods, fair to medium, from 3s. 9d. to 4s. per lb. Broken Alexandrian leaves would fetch from 1s. 3d. to 1s. 4d. per lb., while Tinnevelly leaves vary according to size and colour from 7d. up to 1s. per lb.

Shellac.—Quiet, no change in values. Standard TN orange, spot, 200s. per cwt., value; shipment, unquoted. Pure button, unquoted on spot; fine orange, 240s. to 290s. quoted.

Slippery elm bark.—Little available apart from Lease-Lend material, which is selling to users at 1s. 6d. per lb.

Stramonium leaves.—Dealers quote Indian leaves at around 105s. per cwt.

Strophanthus seed.—The spot price of 100 per cent. Kombé seed would be in the region of 10s. per lb.

Tragacanth.—Quiet. Prices of some medium grades are slightly lower, No. 1, white, £137; No. 2, white, £120; No. 3, white, £105; No. 4, white, £90; pale leaf, £85; amber leaf, £70; red and brown leaf, £47; red leaf, from £42; woody and hoggy, from £18, ex store.

Turmeric.—Unchanged. Madras finger, sound quality, spot, 70s. nominal; wormy, 67s. 6d. per cwt.

Valerian root.—Indian root is offered by dealers at about 100s. to 110s. per cwt., according to seller.

Waxes.—Quiet. Bees'.—Unquoted. Carnauba.—Fatty grey, 510s.; chalky grey, 500s.; Primeira, 585s. per cwt.

Exports of beeswax from Egypt during 1941 amounted to 4,393,500 lb., compared with 1,749,320 lb. in 1940.

Wild cherry bark.—Stocks imported under the Lease-Lend arrangement are being distributed to users at 9d. per lb., ex store, repacking extra.

Witch hazel leaves.—Dealers offer spot supplies at from 1s. to 1s. 3d. per lb., according to quantity. Occasional business is being done.

Witch hazel (liquid extract).—Users of material imported under the Lease-Lend arrangement are required to pay 10s. 6d. per gall., ex store.

Essential and Expressed Oils

ANISE (STAR).—Spot supplies are increasingly difficult to find. Prices are as follows: Drums, 53s. per lb.; tins in cases, 53s. to 54s. per lb.

BAY.—Steady at the rather higher value noted last week; spot, from 12s. to 13s. 6d. per lb., according to quantity.

BOIS DE ROSE.—Steady on spot at approximately 35s. per lb.

CAJUPUT.—Firm and unchanged at around 15s. to 16s. per lb., according to quantity.

CAMPHOR (WHITE).—About 500s. to 550s. would be wanted for spot supplies, which would be confined to a few odd drums.

CANANGA.—Supplies are restricted, but any remaining oil would fetch about 70s. to 80s. per lb.

CASSIA.—Spot supplies, if available, would find ready buyers at about 60s. to 70s. per lb.

CEDARWOOD.—Spot, nominal at 6s. 6d. per lb.

CINNAMON LEAF.—Spot, from 14s. 6d. to 15s. per lb., according to quantity.

CITRONELLA.—Supplies are restricted, but demand remains good. Ceylon, spot, about 18s. per lb.; Java, 22s. to 24s. per lb.

CLOVE.—English distillers' prices range from 15s. to 16s. 6d. per lb.

EUCALYPTUS.—Demand is good, and prices are firm; supplies are restricted. Spot, from 5s. 9d. to 6s. per lb. for 70 to 75 per cent. oil.

FENNEL.—Spot price of sweet would be in the region of 30s. per lb.

GERANIUM.—Business in any available supplies would be by private negotiation, with a possible basis of 80s. per lb.

GINGERGRASS.—As noted last week, spot oil would be rather dearer at about 27s. 6d. per lb.

LAVENDER.—About 85s. per lb. would represent the present spot price of good-quality oil.

ORANGE.—West Indian and Jaffa, on spot, about 40s. per lb.

PALMAROSA.—The spot price is about 37s. 6d. per lb.; shipment, about 30s. per lb., c.i.f.

PATCHOULI.—Spot, nominal at 70s. per lb.

PENNYROYAL.—Supplies are limited; spot, if available, about 30s. to 35s. per lb.

PEPPERMINT.—Spot supplies are becoming extremely difficult to locate, and buyers would have to pay from 82s. 6d. to 85s. per lb. for any available stocks of Chinese.

PINE.—Siberian, if available on spot, about 14s. per lb.

SANDALWOOD.—Genuine East Indian Mysore, about 32s. 6d. per lb. for delivery in one-case lots. Australian, in the region of 28s. 6d.

Synthetics and Isolates.—Many of these are in restricted supply, and supplies are not necessarily available because prices are quoted. Difficulty may be experienced in obtaining supplies for perfumery purposes, as some of these products may be required for other a more essential uses. AMYL ACETATE.—Pu about 130s. per cwt.; technical, 109s. per cw small quantities, up to 2s. per lb. AMYL C NAMIC ALDEHYDE.—About 25s. per lb. AM SALICYLATE.—About 5s. per lb. BENZYL A TATE.—6s. per lb. BROMSTYROL.—100 per cer 22s. per lb. CINNAMIC ALDEHYDE.—Quoted about 7s. 6d. to 8s. per lb. CITRAL.—Chemica pure, 72s. 6d. per lb. CITRONELLAL.—Abo 40s. per lb. CITRONELLOL.—About 45s. per COUMARIN.—17s. 6d. per lb. ETHYL PHT LATE.—No quotations. EUCALYPTOL.—Abo 13s. per lb. EUGENOL.—About 26s. per GERANIOL.—Ex Java, about 60s. per GERANYL ACETATE.—About 65s. per lb. IONO —100 per cent., about 70s. per lb.; alp about 90s. per lb. ISOEUGENOL.—About 2 per lb. LINALOL (ex bois de rose).—About 6 LINALYL ACETATE (ex bois de rose).—Abo 65s. per lb. METHYL ANTHRANILATE.—Pri would be a matter for negotiation. MIRBANE 10d. to 1s. 3d. per lb., according to quanti MUSK KETONE, MUSK XYLOL, and MUSK A BRETTE.—Prices would be a matter for negot tion. NEROLIN.—Prices would be a matter negotiation. TERPINEOL.—About 4s. to 4s. per lb.

ENGLISH HERB CROP REPORTS

W. J. Bush & Co., Ltd.—PEPPERMINT. About the same acreage as last year h been planted, and the crop is in fair con tion. English peppermint oil will still be short supply. LAVENDER.—In very sh supply; little will be available for d tillation. CHAMOMILE.—Available crop w be small, as usual, but is in very f condition.

Potter & Clarke, Ltd.—Owing to t extremely dry season a great many her will be very scarce and dwarfed. SAGE. Practically unobtainable. NETTLES.—Fai good. PARSLEY PIERT.—Unobtainable o ing to the very dry weather. COMFREY. Fairly good. MINT.—Very scarce a dwarfed. The next cut may be better rain comes. CLIVERS.—Dwarfed. BURDO LEAVES.—Fairly good. RUE.—Fairly goo THYME, MOTHERWORT and DANDELI HERB.—Very scarce. RAGWORT, ST. JOH WORT, WOOD SANICLE, MEADOWSWEET a WILD CARROT.—Will be quite good. WO SAGE.—Dwarfed. HERB SEEDLINGS.— most unprocurable, hence the shortage sage, Deep-rooted plants such as TANS WORMWOOD and SOUTHERNWOOD are qu good, but the seedlings dried up. Her this season will not be too plentiful owing the extremely dry weather. It is hoped th the later herbs will come along mo satisfactorily.

RED DIAMOND
Quality Packed Lines

B.B. & Co. RED BRAND DIAMOND

THE HALL MARK OF PHARMACEUTICAL DEPENDABILITY

These are all products that can be relied upon. Shortages must of necessity occur at intervals owing to difficulties with supplies of materials and containers.

One thing, however, remains constant... Quality

* *Kindly note that the prices for Parrish's Chemical Food appearing on our advertisement of July 4 should have read* 4 oz. **7/-**, 8 oz **10/3**, and 16 oz. **18/-** per dozen

BURGOYNE BURBIDGES
Established 1741. & COMPANY LIMITED, **LONDON. E.6**

Geigy

REGD. TRADE MARK

SULPHANILAMIDE B.P.

Send us your enquiries for bulk supplies

Made by
THE GEIGY PHARMACEUTICAL Co. Ltd.
National Buildings, Parsonage,
MANCHESTER, 3.

LOSALL'S SALT

8-oz. tins
NEW RETAIL
2/6
SELLING PRICE
(including tax)

A
LIMITED SUPPLY ONLY
of 4-oz tins
RETAIL
1/3
(inclusive of tax)

WHOLESALE PRICE
9/3 & 18/6 doz.

LOFTHOUSE & SALTMER
LIMITED HULL

Gum Tragacanth Powder, Gum Karaya Powder, Gum Acacia Powder again available

Favourable Terms

ECONOMIC UTILITIES LTD.
Westcombe House
56/58 Whitcomb Street, W.C.2
Tel.: Abbey 3873/4

L. LIGHT & Co. Ltd.

Old Bowry Laboratories
WRAYSBURY, BUCKS

STILBOESTROL DIPROPIONATE
ACETYL CHOLINE BROMIDE
BROM ISOVALERYL UREA
NICOTINIC ACID
NIKETHAMIDE
VITAMINE K
CALCIFEROL

PURE SYNTHETIC DRUGS

SOUTH AND EQUATORIAL AFRICA

are important buyers of Pharmaceutical Products, Proprietary Lines, Toilet Preparations, etc.

You are sure to get your full share of this very valuable Export Market through the intermediary of our thorough Sales Promoting and Distributing Organisation.

We are prepared to act as your SOLE BUYING AGENTS, and will be pleased to receive your detailed suggestions, samples, etc.

British Trade References

Prepare NOW for POST-WAR TRADE

DOMINION & CONTINENTAL AGENCIES

P.O. Box 77

DURBAN **SOUTH AFRICA**

We solicit enquiries from Wholesale Consumers for:

CAPE ALOES
BALSAM PERU
BALSAM TOLU
BUCHU LEAVES
CARDAMOMS
CROTON OIL
DIGITALIS LEAVES
ERGOT OF RYE
GALANGAL ROOT
GUM ARABIC
IPECACUANHA
JALAP
KAMALA
LIQUORICE ROOT
MENTHOL
PODOPHYLLUM ROOT
QUILLAYA BARK
RHUBARB
SAPONINE
SENEGA ROOT
SENNA LEAVES
SENNA PODS
TURMERIC GROUND
VALERIAN ROOT

V. BERG & SONS

Established 1871

33 & 35 EASTCHEAP, LONDON, E.C.3

GUMS

Acacia
Tragacanth
Karaya
Benzoin
Copal
Mastic
Damar

SHELLACS *and* **WAXES**

Japan Wax, White Bees Wax, Candelilla Wax, Carnauba Wax
In natural and powder form

Official Agents
ANGELO BROS. LTD
SHELLACS

A. F. SUTER & CO. LTD.

VICTORY WORKS, 83/84 EASTWAY
HACKNEY WICK, LONDON, E.9
Phone: AMHurst 2275/6

RELIABLE PREPARATIONS

HAEMAMOL
(DUNCAN)

ANTISEPTIC EMOLLIENT
ASTRINGENT SEDATIVE

Duncan

Sample and Prices on Application

An efficacious Ointment for the speedy relief of all cases of Haemorrhoids and for abrasions and irritations of the skin.

Supplied in bulk or in 1-oz. and 2-oz. tubes.

DUNCAN, FLOCKHART & CO.
EDINBURGH AND LONDON
104 Holyrood Road 155 Farringdon Road, E.C.1

PILLS
TABLETS
CAPSULES

The British Made Products of

HOWARD LLOYD & Co LTD
LEICESTER

We Ship
ACONITE, ALESTONIA BARK, BELLADONNA LEAVES, BELLADONNA ROOT, BERBERIS, ASAFOETIDA, BRYONIA, CALUMBA ROOT, CHIRETTA (Indian Variety, B.P.), COLCHICUM CORMS, DANDELION, DATURA METEL LEAVES, DATURA STRAMONIUM LEAVES, EPHEDRA VULGARIS, GLYCYRRHIZAE, HYOSCAMUS NIGER LEAVES, JUNIPER BERRIES, PODOPHYLLUM, RHUBARB RADIX, INDIAN SQUILLS, VALERIAN ROOT, RED PEPPER FRUIT, ETC., of guaranteed standard quality

ENQUIRIES INVITED

MEHTA BROTHERS
LAWRENCE ROAD - AMRITSAR - INDIA

TRAGACANTH
SPECIALISTS IN B.P. POWDER
Also Technical and Industrial qualities. All Grades of Whole Flakes as imported. Samples and prices on request.
FREUDENTHEIL, SMITH & CO., 16 Philpot Lane, London, E.C.3. Tel. Address: 'Freudenruf' Tel.: MANsion House 1924 & 6600 Estd. 1826

PHARMAN (BIRTLEY), LTD.
Manufacturers of
Pharmaceutical Specialities
BIRTLEY, Co. DURHAM

BRITISH ALKALOIDS
AND FINE CHEMICALS

WHIFFEN

BROMIDES
IODIDES

MERCURIALS - ATROPINE
CAMPHOR - NICOTINE - NICOTINIC ACID
SALICIN - CAFFEINE - EMETINE
QUININE - STRYCHNINE - VERMILION
PRUNELLA - ESSENTIAL OILS
CLOVE OIL - SANDALWOOD OIL
ALMOND OIL - EXTRACT OF IPECAC. LIQ.
DRUG GRINDING

WHIFFEN & SONS LTD.
INCORPORATING GEORGE ATKINSON & COMPANY. ESTABLISHED 1654

FULHAM, LONDON, S.W.6
'Phone FULHAM 0037. 'Grams "WHIFFEN, LONDON"

We desire to make it clear to our friends in the trade that the voluntary liquidation of the firm known as Francis Riddell Limited in no way affects the trading activities of

RIDDELL PRODUCTS LIMITED

who will in future supply all products hitherto marketed by Francis Riddell Limited. May we also take this opportunity of reminding you that

BRONCHOVYDRIN RIDDOBRON BRAND

is the Registered Trade Mark of Riddell Products Limited, denoting their Brand of the famous BRONCHOVYDRIN ASTHMA INHALANT now universally recognised as the most efficient treatment for ASTHMA, BRONCHITIS, EMPHYSEMA, HAYFEVER.

RIDDELL PRODUCTS LIMITED

"The Leading House for Inhalation Therapy"

AXTELL HOUSE, WARWICK STREET, LONDON, W.1

Telephone : Gerrard 3754 Telegrams : Pneumostat, Piccy, London

SAMONA

—makes life worth living

The Wonderful Medical Restorative which brings Immediate benefit in all cases of

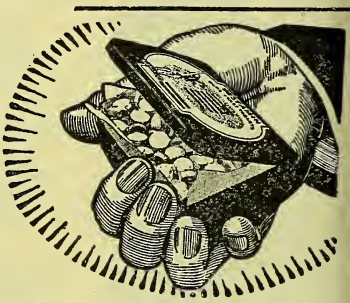
NERVE STRAIN. DEPRESSION.
TIRED AND LISTLESS APPEARANCE
MENTAL AND PHYSICAL EXHAUSTION

Prices 3/5 and 5/7½ (more than double quantity) (*Including Purchase Tax*)

SAMONA LTD.
Northington House, Northington Street, W.C.1

NO SHORTAGE OF SUPPLIES

GOOD PROFITS FOR THE CHEMIST



"Taken as Read"

by tens of thousands—because Nationally Advertised

YESTAMIN

VITAMIN YEAST TABLETS

THE ENGLISH GRAINS CO., LTD.
BURTON-ON-TRENT

Bickiepegs Ltd.

makers of Nursery Foods, have pleasure in informing retail chemists of the position regarding deliveries.

● **BICKIEPEGS** used in the Royal Nursery—tough little biscuit bones which help to space teeth evenly. Retail 7d. and 1/1d. per packet.

IN FREE SUPPLY

● **CHU-CHUS,** hard nourishing rusks to enable babies to continue the biting exercises. Retail 1/3d. per tin.

IN FREE SUPPLY

● **BICKIEPEG VEAL BONE & VEGETABLE BROTH** for babies from birth and nursing mothers. Valuable Vitamin C content. Retail 2/3d. per jar.

IN SHORT SUPPLY

Bickiepeg Broth is strictly and fairly rationed and chemists are kindly requested to inform customers of the fact.

● **FORTIGEN,** a tonic (cereal) food. Taken with milk, or can be sprinkled over any food. Needs no cooking. Contains vitamins A, B, C & D. Retail 1/6d. per carton.

IN FAIR SUPPLY

Order through your usual wholesaler.

BICKIEPEGS LTD.
Welwyn Garden City, Herts.

AMBROSIA

AND THE

SECTOR SCHEME

To ensure supplies of Ambrosia Dried Milk Food being available promptly and without difficulty under the Sector Scheme, arrangements have been made for the distribution to retail chemists to be carried out through Messrs.

BOVRIL LTD.

from August 1st. From that date Ambrosia should be ordered from the Branch in your Sector from which you order your supplies of Bovril. Devon and Cornwall retailers should, however, continue to send their orders to Ambrosia Ltd., Dept. L.O., Lifton, Devon.

The quality of Ambrosia is maintained at its high pre-war standard. Adequate supplies are available for infant feeding in 2/6 cartons (price to retailers 2/1). Orders will be executed promptly.

Ambrosia

DEVONSHIRE DRIED MILK

PROMULSIN

An up-to-date emulsifying and suspending agent for use in pharmacy, cosmetics and foodstuffs

PROMULSIN is a polyose derivative which represents an improvement on methyl cellulose. In low concentration it forms clear, tasteless solutions of high viscosity. Particularly suitable for: Cosmetic creams, shampoos, shaving creams, "stocking substitutes," tooth pastes, soaps, etc.; Pharmaceutical mixtures, elixirs, emulsions, ointments; Cordials, sauces, chutneys, table creams, etc. Available in powder, flakes and liquid.

CHEMICAL WATFORD PRODUCTS

WATFORD CHEMICAL CO. LTD.

London Sales Office

50 South Audley Street, Grosvenor Square, W.1

Telephone—Grosvenor 1016-7

SULIS—Nature's "pleasant to drink" remedy for all rheumatic and kindred complaints. From deep down in the earth gush the healing waters of Bath. These are bottled at the Springs, and more and more people are benefiting by drinking Sulis either still or sparkling.

SULIS

The BRITISH *Mineral Water*

Prices, discounts and full particulars from

CATER, STOFFELL & FORTT, LTD., The Springs, BATH

MANOIDS

NEVROIDS

URICURE TABLETS

OCCASIONAL PILLS

THE ACTON PILL & TABLET Co. Ltd.
ASH VALE, SURREY.
and all Sundries Houses.

British Made **AMPOULE FILES**
are now available

We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries

DOMINION STEEL CORPORATION
LTD.
"FLEET" WORKS
QUEEN'S ROAD, SHEFFIELD, 2

! DO YOU KNOW ?

GUM TRAG.

IS THE KEY TO
YOUR PERFUMERY TRADE
AS FAR AS SETTING LOTION
AND HAIR CREAM ARE CONCERNED.
OUR ADVICE TO YOU IS KEEP A FAIR STOCK

We specialize in Gum Trag. and Gum Karaya. From 8/– to 35/– per lb.

COSMETIC COLOURS

FACE POWDER COLOURS. Specially ground and sifted to simplify the manufacture of Face Powder.
PEACH. NATURELLE. RACHELLE. BRUNETTE. SUNTAN. ORANGE. SCARLET. RED. Etc., etc.

Also Cosmetic Colours for Colouring LIPSTICKS, LIQUID STOCKING, OIL, SPIRIT OR WATER PREPARATIONS, etc.

PERFUMERY LABELS AND SEALS

Supplied from stock. Smart designs. Samples on request. Minimum orders 250 of a type. Special quotation for quantity.

LENNARD'S EMULSIFIER "D"

2 pts. Oil. 2½ oz. Beeswax. 3½ oz. "Lennard's" Emulsifier. 4 pts. Water. ⅛th oz. or less Caustic Soda, or similar Alkali. Makes a first-class White Hair Cream. Instructions on request.
7/– per lb. 5/6 lb. in 14-lb. lots. 5/3 lb. in 28-lb. lots.

Also Available

COMPOUND PERFUME. Oil, Water and Spirit Soluble.
PRECIPITATED CHALK. BEESWAX, Limited Supplies.
COMPOSITION CORKS with Black or White Tops. Plain Corks in all sizes.
LIQUID SHAMPOO for re-sale only, or against a permit.

TRADE MARK

Lee-Narvill" Products cancelled for the duration

LENNARD LEE-NARVILL & CO.

Manufacturers and Sundriesmen

Emergency Address: 140 COLTMAN STREET, HULL

Dr. J. Collis Browne's Chlorodyne and The Pharmacy and Poisons Act, 1933

Dr. J. Collis Browne's CHLORODYNE

SALE RESTRICTED TO REGISTERED CHEMISTS

PURCHASER'S SIGNATURE NOT REQUIRED

Sole Proprietors:
J. T. DAVENPORT LTD.

Union St.
London, S.E.1

IMPORTANT NOTICE

"CAL-MA-VITE"

The Potent Stomach Remedy

Retailing at 1/5 and 2/6 Inc. Tax

Please note that this product is now handled exclusively by the Sole Distributors:—

Thos. Christy & Co. Ltd.
3 Castle Street,
Farnham, Surrey

Be ready to meet the demand which Press advertising will secure for you, by stocking up now.
Excellent Bonus Terms, and attractive Showcards available.

ORDER NOW! DON'T WAIT!

Perox-Chlor Special Announceme

There are good supplies of Perox-Chlor in 1 gallon jars, and chemists can resell this so long as they set it against their "Toilet Preparations" Quota of £41 13s. 4d. per month.

1 gallon jars £3 each plus £1 Purchase Tax, or five 1 gall. jar lots £19 nett including Purchase Tax, all carriage paid.

KEENES LABORATORIES LIMITED
46 Elswick Road, Newcastle-on-Tyne, 4

KLENZO SUPE DRY CLEANE

"CLEANS ON THE SPOT"

Dresses, Suits, Hats, Materials, Upholste Leather, etc. Sold by leading stores a chemists in 1/- and 2/- bottles.

Bulk price, 25/- gallon cans

Excellent all-year selling line . Send representative or write—

KLENZO Laboratories, 8 Stucley Place, London, N.W

ALLING ALL WHOLESALERS

Our salesmen are selling KORAY today, at this moment, and all orders from retailers are passed through wholesalers who are on our Register of Customers.

Our team of salesmen whom we have trained, and who have proved KORAY to be a seller, *is available to sell KORAY for you.* If you have stocks, they are automatically on your staff.

ARE YOU ON OUR LIST?

KORAY has proved itself to be a winner in its field. The public appreciate that it contains 50 per cent. more pain-killing ingredient than any contemporary product. The retailer appreciates the ease with which this product is handled and sold.

Packed in easily handled units, for wholesalers it represents an easy, simple way to build turnover in a product which meets a ready demand.

We invite retailers to obtain supplies from wholesalers, and we invite wholesalers to obtain supplies from us, today.

Every day your stocks are low, you are missing sales. Please write to us now; we are anxious to be of service to you.

N.B. Our Salesmen Sell for YOU

OR YOUR INFORMATION

PRICE OF KORAY TO YOU		PRICE TO PUBLIC
ORAY UNITS .. .. (3 cards of 16 cartons, or 1 box of 4 dozen)	9/- per unit	3½d. per carton of 5 tablets.
		7d. per carton of 10 tablets.
		1/5 per carton of 28 tablets.
		2/10 per carton of 64 tablets.
ORAY 10's	4/6 per dozen	
ORAY 28's	11/3 per dozen	
ORAY 64's	22/6 per dozen	
Subject to Purchase Tax at 16⅔ per cent.		*Including Purchase Tax*

KORAY

THE QUICKEST ACTING
PAIN KILLER
IN TABLET FORM

RAY LIMITED, BLOOMFIELD ROAD, BLACKPOOL and at LONDON, N.5

The Germ killing THROAT TABLETS

A CF LINE

FORMULA
Menthol ·226%, Phenol ·678%
Paraformaldehyde ·54%
Potassium Iodide ·037%
Creosote ·012%, Ac. Citric ·061%
Colour and Excipients to 100%

One 3 Doz. ..... 9/6 doz.
Six Doz. lots..... 8/6 ,, (13 to Doz.)
One Gross Lots .... 8/- ,, (13 to Doz.)
5 to 10 Gross lots.....Special Rates

Retail 1/3 (Inc. Tax)

Packed in Dozen Outers. 3 Doz. and over Carriage Paid

HOUGH, HOSEASON & CO., LTD.
PENDLETON, MANCHESTER

MILLAMALT *The* TONIC MALT FOOD

With Guaranteed Complement of Vitamins A.B.C

Sole Manufacturers.
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept. 19 Brookside Road

ORDERS and INDENTS invited from DOMINION, COLONIAL and ALLIED IMPORTERS
W. H. JONES & CO. (LONDON) Ltd.
BUYERS and SHIPPERS
War-time Address:
20 BOSWORTH RD., NEW BARNET, HERTS, ENGLAND

Good! it's **MASON'S**
EXTRACT OF HER
The CHEMISTS' FAVOURITE for over 75 YEARS
A 9d. bottle makes 6 gallons delicious sparkling Mason's He Beer. *GOOD PROFITS—QUICK SAL*
Write for Trade Terms
NEWBALL & MASON LTD., NOTTINGHAM. Est.

Regd.

We have pleasure in announcin that from August 1, Elvesol wi appear on the Chemists' Friend List.

NEW RETAIL PRICE

We also have to announce a change in the retail price of Elvesol, which in future will be 1/8 per tube. A wide demand is being created and stockists are assured of quick sales and excellent profits.

CF

Pé-Pé

the Tablet which helps the Asthmatic to do his War Job

INTERNATIONAL LABORATORIES LTD

P.A. T.A.

CHARLBURY, OXFORD Charlbury 29

RETAIL PRICES

INCLUSIVE OF TAX

1/1½ - 3/4½ - 11/10

VICHY WATER

BY APPOINTMENT TO H.M. THE KING

The attention of the Medical profession is drawn to the fact that a water approximating closely to the natural water of the Vichy spring is produced in England. The analysis of Burrow's Malvern Vichy is as follows:

Expressed in parts per 100,000

Calcium bicarbonate ($Ca(HCO_3)_2$)	8·83
Magnesium bicarbonate ($Mg(HCO_3)_2$)	8·71
Sodium bicarbonate ($NaHCO_3$)	437.80
Sodium sulphate (Na_2SO_4)	29.67
Sodium chloride ($NaCl$)	31.63
Potassium chloride (KCl)	14.32
Iron and Alumina, Silica, etc.	1.05
	532.01

BURROW'S MALVERN-VICHY

W. & J. BURROW · LIMITED · MALVERN

WHOLESALE DISTRIBUTORS: SCHWEPPES LTD. · WOODLANDS, · WEST HILL · PUTNEY · S.W. 15

FROM WHOM SAMPLES ARE OBTAINABLE UPON APPLICATION.

Rexall Chemists are advised that the following is one of the advertisements appearing in the "Radio Times":—

Please use Sparingly

Bisma-Rex

is performing a real service to all workers these days in relieving indigestion, gastric acidity, flatulence and heartburn. This famous powder is available in handy jars, price **2/2½**

Supplies may be purchased from all

Rexall CHEMISTS

If any difficulty in obtaining, please write to United Drug Company Ltd., Kirkewhite Street, Nottingham

REMINDER NOTICE

(Pharmacy and Medicines Act, 1941)

LEIBIG'S MEAT & MALT WINE

Customers are advised that existi stocks are labelled correctly, and comp with the requirements of the above A

LEIBIG'S BLOOD WINE (Non-Alcoholic)

In order to comply with the abo Act, every bottle of Leibig's Blood Wi sold must bear the following Formu Label:—

"This preparation contains the followi active ingredients":—

Ext. Gentian, Chiretta, Dandelion and Sarsaparilla in equal parts	1·2%
Ext. Irisine	1·0%
Ext. Malt and Dextrin Maltose	12·5%

Stockists are advised to apply to the WHOLES DISTRIBUTORS, The Leibig Malt Wine Co., for required number of labels, which are available f of charge. All orders delivered in strict rotati

If in doubt please write direct to

THE LEIBIG MALT WINE C
5 Somers Street, Park Lane, Leeds
(Tel. 24287 LEEDS)

DIFFICULTIES O DIET in WAR TIM

have increased the demand for

PRUNOL PASTILLE

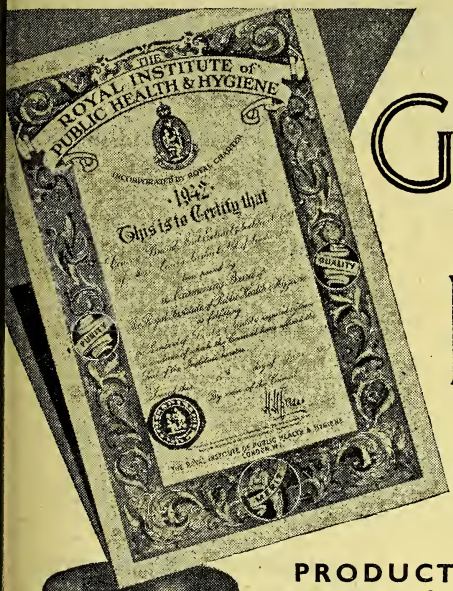
the pleasant and effective laxative

Supplies available promptly from all Wholesale houses.

Prunol sells at 7d. & 1/5 (includin

PRUNOL PROPRIETARY LTD
Sales Dept., Northington House
Northington St., London, W.C.1

Pruno PASTILLE
THE IDEAL FRUIT LAXATI



The Guarantee of Purity

The CERTIFICATE of the Royal Institute of Public Health and Hygiene has been AWARDED to Messrs. CONVOY PRODUCTS LTD., of London, in respect of CONVOY BRAND Meat Extract (Qualities Nos. 1 & 2).

Here is proof positive of the High Quality and Purity of this fine Meat Extract. Pass this information on to your Customers. It will bring repeat sales.

Obtainable from

UNITED CHEMISTS ASSN. LTD., UCAL WORKS
CHELTENHAM SPA
AND
S. MAW, SON & SONS, ALDERSGATE HOUSE
NEW BARNET, HERTS

In nominal 7-lb. tins and medium and small size jars

CONVOY BRAND

EXTRACT of MEAT

FOR INVALID JELLIES—STIMULATING BEVERAGES—SOUPS—STEWS—GRAVIES—TOAST—SAVOURIES, etc.

MISCELLANEOUS OPPORTUNITI

MARLENE PRODUCTS

are pleased to advise all old customers and new that they can now supply the following well-known and popular face powders:—

JANE GARDEN

16/6 per doz. + 66⅔% tax. Retail 2/11 per box.

JEANNE ET CIE

30/- per doz. + 66⅔% tax. Retail 5/2 per box.

These powders are available in seven shades:

Natural, Peach, Rachel, Rose Rachel, Deep Peach, Ochre and Sun Tan, and are packed in neat and attractive boxes.

Also Available.—½-lb. Containers for Talcum Powder. Smart design. 50/- per gross. Minimum order, 6 doz. Slumber Helmets, 72/- per gross + 33⅓% tax. All shades.

Cash with orders. Carriage paid

Delivery approximately 7-10 days

MARLENE PRODUCTS

18 WALTHAM AVENUE, KINGSBURY, LONDON. N.W.9

ROUGE.—At last you can make your own perfect Block Rouge, simply, cheaply. We supply the Mould for 12 (1½ in.), formula, excipient and colour to make 16 dozen for £2, C.W.O. Repeats Colour, excipient sufficient for 16 dozen, 10/-. Colours for Lipstick, 10 Shades, 16/- lb. Face-powder, 8/- lb. Liquid Stocking, 8/- lb., etc. Creighton (Agencies) Co., 174 Tollington Park, London. N.4.

CRESTOLAN emulsifying base for preparing white brilliantine cream, to cost no more 1/- per lb. Other ingredients are easily obtainable. 7/6 per lb., postage paid (including formula and instructions for manufacture). Cash with order.

Crest Laboratories, Ltd., 443 Bury New Road, Salford, 7

Attractive 1 oz. FACE-POWDER BOXES, 36/- gross. Attractive 6 oz. BATH TALCUM BOXES, 72/- gross. ROSE, JASMIN or MUGUET COMPOUND OIL (Synthetic), 75/- lb. SODIUM CARBONATE MONO-HYDRATE CRYSTALS, 14 lb. 7/-, 1 cwt. 4d. lb. BATH SALTS COLOURING, all Colours, 2/- oz. BLOCK STEARIC ACID, 2/9 lb.; in cwt. lots, 2/- lb. WHITE BEESWAX, 7/- lb. PARAFFIN WAX (in 1¼ cwt. bags), 1/- lb.

HARMAN DIETETIC LABORATORIES, LTD.
109 BROADWAY, CRICKLEWOOD, N.W.2

Adequate Supplies are Now Available
stock of

CHILVA FACE POWDE

Rachel Suntan Peach

Prices: 10 doz. lots, 20/- per doz. Net 14 da
Smaller quantities: Net C.O.D.

Retail Price, 2/6. All prices stated inc
Purchase Tax. Yields a profit to retailer of 50
cent. Order early. All orders executed in s
rotation. Outside measurements of powder
2¾ in. × 2¾ in. × 1¼ in.

CHILVA LABORATORIES, LTD.
Russell Chambers, Merrion Street, Leed

SACCHARINE ENVELOP

Size 2¼ × 2¼, Ungummed, 4s. 11d. per
ditto Gummed, 5s. 3d. per
Net. Carriage Paid

LEWIS EAST LTD.
84 Romway Road, Leicester

GRINDING AND MIXI

We are always at your service. Send us
inquiries and we will reduce your costs. Gr
lation or finest powdering. Also conversions,

THE PECKHAM CHEMICAL CO., L
184 Peckham Rye, S.E.24

CONCENTRATED LIQUID SULPH ATED LAURYL ALCOHOL, £3/10/0 lon, can 2/6.
LIQUID STOCKING COLOURS (B Tan and Gunmetal), 8/- lb. Envelope same, 4/- per 100.
HARMAN DIETETIC LABORATORIES, L
109 Broadway, Cricklewood, N.W.2

Tablet Manufacturers are in a positio accept contracts or sub-contracts for Tal ting, including Saccharin, from Custom own saccharin powder. Prompt deli assured and competitive prices. S inquiries to CDB/1074, London Offic this Paper.

OFFERED

SUPER WHITE FRENCH CHALK: Best V Talc; White Fullers Earth; Zinc Oxide Finest; Spermaceti B.P.; Plaster of Paris, Fi Kaolin B.P.; Creta Precip. and Prep.; V Beeswax substitute; White Ceresine V Paraffin Wax; Oils—Aniseed, Menth. Pip, Soluble Edible Casein; Zinc and Alumi Stearate; MENTHOL: Ointment, Boric, Zin Sulphur in 1 oz. tins (tax paid). Special qu prices. Any want quoted. Henshaw, M

HENSHAW, M.P.S., Wyke Regis, D

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

AUGUST 1 1942

28 ESSEX STREET, LONDON, W.C.2

dvertisements in this supplement must be prepaid and should reach us not later than WEDNESDAY week of issue. Box Office numbers cost 1/-. Late advertisements will be held over to following week.

RAW MATERIALS OFFERED

Comp. Soap Powder. 28 lb. at 45/- (sufficient o make 1000 shampoos). Also 56 lb. at 80/- and cwt. at £7 10/-. Modern duo-coloured Shampoo ockets, 35/- per 1000; Kristal inner Bags at 12/6. Bottles. Another large consignment 1¼ oz. mart Toilet Bottles with black korkalite screw aps just in. Packed in boxes of 25 doz. and omplete with labels 'Brilliantine' (not affixed). ilver series design, per box, 72/-. All lines arriage paid.

f sample of a line required please send 6d. cover xpenses.

BRILLOFIX POMADE COMPANY
52 Whitefield Road, Leagrave, Luton

GOOD OPENING FOR A MANUFACTURING CHEMIST

Applications are invited by a London firm of Manufacturing Chemists. Position is one calling or an enthusiastic worker with a sound knowedge of analytical methods as applied to Pharmaceutical Products. A Ph.C., M.P.S. or equivalent qualification is essential. Working xperience essential. Fullest details must be iven, including salary required and position egarding military service. Apply 409/964, London Office of this Paper.

OPTICAL TUITION

FOR THE
S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars:—
C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.

NORTHERN IRELAND

Export Licences are necessary for goods sent to Northern Ireland. Much time, trouble and unnecessary vexation will be avoided if supplement advertisers will indicate in their announcement whether or not they are prepared to export the goods offered for sale to buyers in Northern Ireland.

SHOP FITTING

YERS OF OLD ST. THE PHARMACY FITTERS

PHARMACY FITTINGS. New and Secondhand
—From the single unit—
to the complete Pharmacy

Write, Phone or call
MYERS, 133-135 OLD ST., E.C.1. Phone: CLE 6381

APPOINTMENTS

COUNTY COUNCIL HOSPITAL, HEREFORD

It is expected that there will shortly be a vacancy (due to War Service) in the post of Pharmacist at the above Hospital.

Applications are, therefore, invited from duly qualified men or women for the temporary post (i.e. during the absence of the present occupant of the post on War Service).

The post is non-resident and carries a commencing salary in the neighbourhood of £250 per annum rising, subject to satisfactory service, by increments of £15 per annum to a maximum of £337 5s. plus meals whilst on duty.

Applications giving particulars of qualifications and previous experience should be sent to the Medical Superintendent, County Council Hospital, Hereford, as soon as possible.

DISPENSER required at the ST. ANDREW'S HOSPITAL, THORPE, NORWICH, salary £250 per annum (for a lady accommodation could be provided in the hospital at a reasonable charge). Applications giving full particulars as to qualifications and experience should be sent to the Medical Superintendent without delay.

EAST SUFFOLK HOSPITAL, IPSWICH

Assistant Pharmacist, woman, required, hospital experience preferred. Salary £265 per annum. Applications with copies of testimonials to be sent immediately to the Secretary.

RUNWELL EMERGENCY HOSPITAL

NEAR WICKFORD, ESSEX

Female Assistant Dispenser required. Must have the Society of Apothecaries Dispensing Assistant Certificate. Candidates between 18 and 31 years of age can apply only by permission of their employment exchange. Salary according to age and experience. Applications, stating age and full details of previous experience, together with copies of recent testimonials, to the Medical Superintendent, as soon as possible.

MANCHESTER ROYAL INFIRMARY

PHARMACEUTICAL DEPARTMENT

Assistant required, mainly for Dispensing, to fill war-time vacancy.
Apply by letter, giving full information, to Chief Pharmacist.

SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

None of the advertisements below relates to a woman between 18 and 30 years unless such woman has living with her a child of her own under the age of 14; or is registered under the Blind Persons Acts; or has a Ministry of Labour permit to allow her to obtain employment by individual effort.

RETAIL (HOME)

A Qualified Gentleman or Lady required for good-class Chemist's business, as Manager. Apply H. T. Holme, Ltd., Market Place, Wallingford.

ASSISTANTS, Qualified or Unqualified, for Stock-pricing. September to December. Apply "G," 408/952, London Office of this Paper.

ASSISTANT required, ineligible for military service, either sex, for good class suburban business. Dispensing and Counter. No Sunday or holiday duty. Arthur T. Gray, Ltd., 5 High Street, Barnes, S.W.13.

BRADY & MARTIN, Ltd., require an Assistant, Qualified or Unqualified, either sex, exempt, principally for their Photographic and Optical Department. Apply, giving full particulars of experience, with references, age, salary required, and when free, to 29 Mosley Street, Newcastle-on-Tyne, 1.

BRIGHTON. A qualified Gentleman or Lady wanted for Dispensing business. Smithsons, Chemists, Preston Circus, Brighton.

ILFORD. Qualified Assistant (male or female) required immediately or soon as possible. No Sunday or half-day duty. Apply by letter stating age, experience, and salary required. 409/984. London Office of this Paper.

LONDON CO-OPERATIVE SOCIETY, LTD., invite applications from Qualified Pharmacists, male or female, for progressive positions in the London area. Apply Pharmacy Manager, 54 Maryland Street, Stratford, London, E.15.

MANAGER or Manageress required for Pharmacy on S. Devon coast. Apply stating age, experience (with references), salary required, also recent photo (to be returned). CDB/1100, London Office of this Paper.

MANAGER required, male or female. Branch Pharmacy, South Coast. Easy family business, one assistant. Apply Beken, Chemist, Cowes.

MIDLANDS. Assistant required (not liable, or exempt military service). Must be quick, accurate Dispenser with good experience of General Retail business. Reply, stating salary, when disengaged, and references. Permanency, to CDB/1081, London Office of this Paper.

M.P.S. Elderly, either sex, for dispensing. Easy hours and work. S.W. London. State salary required, etc., to 409/960, London Office of this Paper.

OKEHAMPTON, Devon. M.P.S. Locum with view to permanency required immediately for old-established business. Excellent prospects. Apply, giving usual details, to CDB/1106, London Office of this Paper.

PART-TIME Assistant in Dispensing (lady or gentleman), few hours daily. Jenkin, Chemist, 352 High Road, Wood Green, N.22.

PERMANENCY. Wanted Qualified Lady to take charge of Branch shop. Good wages and conditions for suitable applicant. Apply, by letter, stating age, experience and salary required, to The Secretary, Colne & District Co-operative Society, Ltd., Colne Hall, Colne, Lancs.

PERMANENCY. Sheerness Co-operative Society, Ltd., require qualified Pharmacist, exempt military service, during war as country/seaside branch manager with possibility of permanency in that position. Services permanently required in any case. Pleasant conditions, pension, etc. No duties Sunday or half-day. Full particulars to Managing Secretary, 100 High Street.

PHARMACISTS required for the duration, must be exempt from military service. Congenial posts with short hours and no half day or Sunday duty. Send full particulars of age, height, experience and wages required to General Manager, Co-operative Society, Rugby.

QUALIFIED Chemist either male over 50 or oth wise exempt, or female over 40, required Drug Counters in multiple stores. Manchest Chester, Gateshead and Birmingham areas. Wr full details of age, experience and present salary, 409/985, London Office of this Paper.

QUALIFIED Lady or Gentleman (ineligible military service), mostly for N.H.I. Dispensi Hours: 9 to 6. Alternate Sundays, 11 to 12. Please state particulars, experience, and sal expected. Also Qualified Locum, for one w immediately. J. T. Davy, Ltd., 128 Fore Str Edmonton, N.18. Phone: Tott. 2100.

QUALIFIED Lady Assistant required for go class dispensing business in Harrogate. St age and usual particulars, also salary requir 407/890. London Office of this Paper.

QUALIFIED or Unqualified Assistant as loc from August 8th or 15th, for three weeks. West End pharmacy. Hours: 9 a.m. till 6 p Half-day Saturday. No Sunday duty. App F. T. Brazier, Rouse & Co., 12 Wigmore Street, W

QUALIFIED Manager for Branch shop, with liv accommodation, lady or gentleman. W Ham district. Good salary and commission to su able applicant. Apply, giving full particulars, 409/982, London Office of this Paper.

QUALIFIED Pharmacist urgently wanted for established live business, to replace man ca up. Apply, 143 Cann Hall Road, Leytonstone, E.

QUALIFIED Lady or Gentleman Assistant requi for Pharmacy in Wilmslow. Apply, giving particulars and salary required, to 409/983, Lon Office of this Paper.

SOUTHPORT.—Unqualified Assistant (either and exempt Services) required immediately Dispensing and Counter in busy, high-class Pharma Reasonable hours. The post offers excellent exp ience. Please give full details in first letter to J. Cave (1922), Ltd., 52 Nevill Street, Southport.

TAYLORS BRITISH CHEMISTS will shortly h vacancies for Qualified Managers and Assista male or female, in Birmingham and Midla Harrogate, Houghton-le-Springs, Hull, Carli Thorne, Stourport, Accrington, Oldham, Asht under-Lyne, Hemsworth, Bradford. Apply Re Staff Dept., Burley Hill, Leeds, 4.

UNQUALIFIED Assistant required, male female; high-class Pharmacy. Apply, Dy & Co., 35 Gloucester Road, S.W.7.

UNQUALIFIED Assistant, experienced dispen Wimbledon. Apply 146 Holborn, Lond E.C.1.

VACANCIES for Managers—excellent bra managements are now becoming vacant Cornwall, Devon, Isle of Wight, Portsmo Watford, Slough, Gravesend, Woking, etc. Appl tions are invited from capable pharmacists exe from military service. Good salaries and commiss Timothy Whites and Taylors, Ltd., Retail D Department, 70 Vauxhall Bridge Road, Lond S.W.1.

WANTED an Assistant, all-round experien Pharmacy in the Midlands; over military or exempt. Good post and permanency if suita Write CDB/1097, London Office of this Paper.

WEMBLEY PARK. Wanted immediately, M ager for high-class Chemist's business. G salary. No objection to lady. Must have g experience. Apply in first instance to John C. Ber 96 Craven Park Road, Harlesden, N.W.10. 'Pho Willesden 1234.

WHOLESALE

APPLICATIONS are invited from first-class sa men who are capable of working territories their own initiative with a minimum of interfere from Head Office. The line to be sold is a Nation Advertised Proprietary not affected by the Lim tions of Supplies Order and in plentiful supply. areas vacant are (1) London, (2) Midlands, (3) So of England. Salary, expenses and commission ba Write giving fullest particulars in confidence 409/958, London Office of this Paper.

IRST-CLASS House of Manufacturing Chemists desire the services of a man well versed in al matters to contact doctors. The post offered d not be confused with that of a drug house sentative. The type of applicant visualised is ps a man who has in time past actually prac- medicine as a career but failed to qualify and is thereby able to converse with G.P.'s in a ssional manner and on more or less equal terms. l selling is not desired or expected. The line n it is required to introduce is one already ribed by some members of the medical profession. position offered is a lucrative one, whether on a r part-time basis, and would necessitate travel- Write in strictest confidence to Box 564, n's, 100 Fleet Street, London, E.C. 4, clearly ting envelope "Doctor."

WELL-KNOWN Company of manufacturing and distributing chemists require a representa- for the following counties: Northumberland, am, Yorkshire, Derbyshire, Notts, and Lincoln. ious experience necessary and applicants must e on the territory. Age and full particulars ld be given. Applications will be treated in dence. 409/966, London Office of this Paper.

EMIST Required, with experience of manu- facturing pharmaceuticals and cosmetics. £6 y and bonus up to £2 weekly. Reply with ls of experience to 409/977, London Office of Paper.

ANUFACTURING Chemists (protected estab- lishment) require female costing clerk, prefer- with knowledge of drugs. Exempt call-up. l wages for suitable person. Write or call, hews & Wilson, Ltd., 6–8 Cole Street, London, 1.

DER and Pricing Clerk, Senior, wanted for Wholesale and Manufacturing Chemists, North ion. Permanency with propsects. Apply with particulars, stating salary, to 409/957, London e of this Paper.

EPRESENTATIVE required for Central London Area by one of the leading manufacturers of maceutical specialities. Pharmaceutical quali- ion is advantageous but not essential. The work ils both scientific propaganda and commercial lopment. The position offers opportunities of ancement and only those with energy in keeping the progressive policy of the company will be idered. Write in confidence, stating age, full ils of education and career, salary required, and ent liability to military service, to 409/963, don Office of this Paper.

EPRESENTATIVE required for Eastern Coun- ties. C. R. Harker, Stagg & Morgan, Ltd., mott Street, Mile End, London, E.1.

ABLET Maker. Permanent lucrative position for experienced man as Assistant Tablet Maker. l details and salary required are essential. 409/965, don Office of this Paper.

ORKSHIRE firm of Manufacturing Chemists require a Pharmacist for position as Works nager or Assistant. Preliminary training given. st have knowledge of analysis and be capable of epting responsibility. Exempt military service. B/1103, London Office of this Paper.

PATENTS

/6 for 40 words or less, 2d. for every additional word.

is desired to secure the full commercial develop- ment in the United Kingdom of British Patent . 485,237, which relates to Improvements in thbrushes, either by way of the grant of licences otherwise on terms acceptable to the Patentees. erested parties desiring copies of the patent ecification and further particulars should apply Stevens, Langner, Parry & Rollinson, 5–9 Quality urt, London, W.C.2.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word

None of the advertisements below relates to a woman between 20 and 30 years unless such woman has living with her a child of her own under the age of 14; or is registered under the Blind Persons Acts; or has a Ministry of Labour permit to allow her to obtain employment by individual effort

RETAIL (HOME)

ASSISTANT, Dispenser, Salesman. Single, active, elderly, unregistered. Statim, Silverdene, Silverdale, Camforth, Lancs.

BIRMINGHAM Area preferred. All-round experience; Retail and Wholesale; exempt military service. Disengaged. Locum work undertaken. Hanley, 64 Church Road, Erdington, Birmingham.

CHEMIST Optician (32) desires temporary engagement. Working conditions must be good and salary adequate. Permanency would not be considered at present as advertiser might be liable military service. Used to managing pharmacy taking nearly £400 per week. Experienced buying, staff management, etc. Free early August. 408/947, London Office of this Paper.

DISPENSER Book-keeper desires post—hospital—firm. Experienced; typing; 20–30 mile radius London. 409/972, London Office of this Paper.

DRUG Store Manager, sound experience all departments, books, invoices, staff; six years last. "Essential," 52 Howard Road, Banbury, Oxon.

UNQUALIFIED Assistant, exempt military service; good Dispenser, all-round experience; excellent references. Free August week. Horlington, 16 Ravensbourne Park, Catford, S.E.6.

WOMAN Dispenser—Hall—thirty years experiences, would dispense for winter months or duration in shop or hospital. 409/967, London Office of this Paper.

WHOLESALE

CHEMIST (refugee) requires position Retail or Wholesale in London and suburbs. Good experience. Manufacturing and Dispensing nearly one year with English chemist. Apply, 409/980 London Office of this Paper.

CHEMIST Sundries. Wholesale factor, registered, with first-class connexion, stores and co-operative societies, is willing to look after the marketing interest of well-established proprietary house covering North, East and West Riding Yorkshire. 409/969 London Office of this Paper.

EXPERIENCED Representative, qualified, requires Additional Agencies. South Wales and West of England. Commission basis. Greenwood, "Valdare," Uphill, Weston-super-Mare.

J. W. STAPLES, St. John Street, Bridlington, wishes to contact Manufacturer of Proprietary Lines requiring Representation covering the whole of Yorkshire; 25 years' connexion.

MEDICAL propagandist (43) wishes to represent firm marketing ethical products. Good connexion Yorks., Lancs., Ches., Staffs. Thirteen years' medical propaganda experience, including nine years with present firm. 409/959, London Office of this Paper.

REPRESENTATIVE, exempt, age 32. Good London connexion, chemists, doctors, etc. Own car. London preferred, but would consider Provinces. 409/962, London Office of this Paper.

REPRESENTATIVE, 15 years last company, proprietary lines, connexion Chemists, Lancs, Yorks, Derbyshire, Isle of Man, desires Representation. Only first-class house considered. CDB/1102, London Office of this Paper.

SMART reliable Representative (exempt) desires position with London firm of repute. Some knowledge of drugs, surgical, pharmaceutical sundries, also retail experience. Whole, Part-time or Locum. 409/961, London Office of this Paper.

SMART energetic man (50), long experience Retail; 7 years Assistant Foreman, supervising filling, packing, etc., pharmaceuticals and specialities, requires job. Excellent references. London or near, Unqualified. Tilson, c/o Drew, Dinder, Wells, Somt.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

FINEST Quality Stearic Acid. Tripple pressed B.P. 5s. 6d. per lb. Minimum 7 lb. lots. Sheard, 9 Leeds Road, Harrogate.

LIMITED Quantity. Lip Stick Refills. V edge, First Quality 9s. per doz. plus 6s. tax. C.W.O. Amblins Sales Co., Ltd., 338 Kilburn High Road, N.W.

LIPSTICKS and Face Powders. M. Walker, Ltd., wholesale warehousemen, are again able to supply a limited quantity of lipsticks and face powders. Inquiries invited. 190 High Road, Wembley.

LIPSTICK Cases. Moulded plastic screw top tubes, externally 3 in. × ½ in., suitable for 9 millimetre diameter lipstick or styptic. Assorted (but not specific) colours, 48s. per gross, 5 gross at 46s. Cash with order carriage paid. Sample 6d. inclusive. 500,000 5-grain Phenacetin tablets. New and perfect. What offers? Shelley, Caldmore, Walsall.

MANUFACTURER'S Surplus: 1,000-gross No. 3 Tablet Bottles complete with caps. 1,000-gross 1-dram Bottles complete with caps. Several other items also available. Offers invited, all or part. 409/976, London Office of this Paper.

SOFT Soap, amber, odourless, made with best vegetable oils, 50s. cwt., 26s. ½ cwt. Free Iron drums, cash with order. Immediate delivery. No samples sent out. Shortage labour and packing materials. Wanted: Henna Powder. State price and quantity. Ambrose, 5 Lee Side Crescent Finchley Road, N.W.11.

TABLET Machine, Rotary, for sale, 13 punch. Normal output 400 tablets per min. Sound working condition. Punches made to suit purchaser. 409/970, London Office of this Paper.

WE will exchange 4 doz. 8d. half-strength Saccharin (100's) for each 14 lb. Lactose White B.P. sent carriage paid. Write only in first instance, to CDB/1090, London Office of this Paper.

FOR SALE (Retailers' Surplus)

7/6 for 36 words or less, 2d. for every additional word

CAMERAS (about 20), Kodaks, etc., for sale at pre-war retail price. Particulars, 409/979 London Office of this Paper.

B.P. Pot Permang. Ammon. Chlor pure, Tintex Dyes Ass., shop soiled. New Kodak Decomatic 4.5 Leica second-hand No. 1. Elmar 1.35 Kodak Tessar compur rapid 4.5 P.C. Reflex Cook Lens 4.5 T.P. Offers, sale or exchange saccharin, blades or films. Henning, Chemist, Larne.

FOR SALE. Pill Machines and Tiles, Suppository moulds, Pestles and Mortars. Shop Rounds, etc. School of Pharmacy, Drayton House, Gordon Street, W.C.1.

OPTICIAN'S Stock. Offers invited for about 3 Gross Unused Spectacle Frames of good quality, including pre-war autumn leaf and flesh shades, real shell, gold filled. Gold filled sides, nickel pins and joints, frames all modern shapes. Sale of stock in one lot preferred. 409/974, London Office of this Paper.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. f r every additional word.

CONTROLLING interest in small private company for disposal. Excess profits deficiencies. Wagstaff, 31 Finsbury Square, E.C.2.

WANTED

7/6 for 36 words or less, 2d. for every additional wo

BOTTLES and Jars, surplus stocks. 1– wanted. State particulars and prices. 40 London Office of this Paper.

CAPSULE Making and Filling Machines wa new or second-hand, for Lighter Fuel Cap State price, full particulars, and where to be British Disinfectant Co., South Grove, Tottenham, N.15.

COSMETIC Manufacturers will buy Quota at price. Reply stating amount and price to 40 London Office of this Paper.

GUM Asafœtida. Whole or powdered. Sm large lots. Particulars to: F. J. Carmic 83 Cannon Street, London, E.C.4. Phone: City

SACCHARIN Tablets wanted. Full and strength; large quantities purchased for or commission paid for genuine recommend G. H. Smith, 34 Greenfield Gardens, Hendon London, N.W.2.

SMALL quantities of Standard Sodium L Sulphate, Cetyl Alcohol, Methyl Cellulose Glycerine required. 409/971, London Office of Paper.

WANTED by England's largest photogr dealers. All Miniature Cameras, extra l and accessories, Rolleiflex, Leica, Contax, Iko etc.; also Microscopes and Cine Projectors. Hi prices guaranteed. Wallace Heaton, Ltd., 127 Bond Street, W.1.

WANTED to buy Tegin and White Bees State quantity and price. Amblins, Kilburn High Road, N.W.

WHAT good are camera stocks without films? Post-war models already designed. But Cyril Howe, of Bath, will still give a good price for reasonably modern hand cameras, especially "Ful-Vues." Send full list. All sizes of over-dated films wanted. Cyril Howe, Bath.

10s. a pound offered for Abracol G.M.S., L. and P.G.S. CDB/1101, London Office of Paper.

BUSINESS WANTED

7/6 for 40 words or less, 2d. fo every additional wor

SMALL Wholesale Chemists' business require purchase. Stock and Quotas unneces Write 409/968, London Office of this Paper.

BUSINESS OPPORTUNITIE

7/6 for 40 words or less, 2d. for every additional wo

TO THE TRADE. Northern firm of Manufact Chemists and Drug Packers with numb hands can undertake the Mixing, Drying and F ing of Powders, etc., from materials, labels, car etc., supplied. Reasonable terms. CDB/1091, Lo Office of this Paper.

AGENCIES

7/6 for 36 words or less, 2d. for every additional wor

EXPORT Agent wanted for Southern Irelan Gleim Shampoo Company, Newbury, Berks

SELLING Organisation with a complete cove is prepared for accept one further line, a is prepared to purchase a known proprietary ar Write 409/975. London Office of this Paper.

Printed in Great Britain for the Proprietors by THE PITMAN PRESS, Lower Bristol Road, Bath, and Published weekly by the Propr Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2—*August* 1 1942

Beauty in the Services

The WAAF

Alert and capable, she does her war job with real zest, and still finds time to keep her complexion fresh and lovely with the aid of her favourite beauty soap.

In the Service of Beauty

CUSSONS SONS & CO. LTD., KERSAL VALE, MANCHESTER, 7

PILLS and TABLETS

PACKED OR BULK . . . COATED OR UNCOATED

ARTHUR H. COX & CO. LIMITED
BRIGHTON ENGLAND
MANUFACTURING CHEMISTS · ESTABLISHED 1839

Printed in Great Britain for the Proprietors by THE PITMAN PRESS, Lower Bristol Road, Bath, and Published weekly by the Proprietors Morgan Brothers (Publishers), Limited, at 28 Essex Street Strand, London, W.C.2—*August* 1, 1942